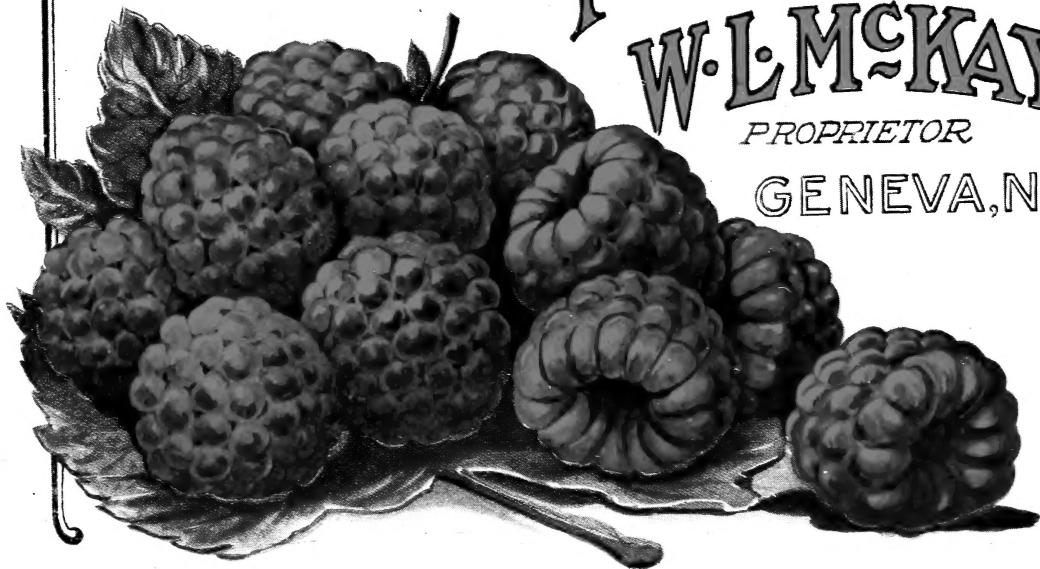


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



THE
VAN DUSEN
NURSERIES
ESTABLISHED 1839
W. L. MCKAY
PROPRIETOR
GENEVA, N.Y.



OUR GUARANTY

We guarantee our customers against wilful or intentional substitution or change of labels, and will exercise the greatest care to have every variety exactly what it purports to be. In case of any error we will replace with other stock or refund the money. We guarantee our stock to be strictly as represented, first-class in all respects for the sizes and varieties sold, and to be delivered in good condition.

CASH WITH ORDER

You will readily see that it is impossible for us to open hundreds of small accounts every spring, with the attendant labor and expense of bookkeeping; that we ask for **cash with order** is no reflection whatever on the credit of our customers, but a necessity to the success of a mail order business.

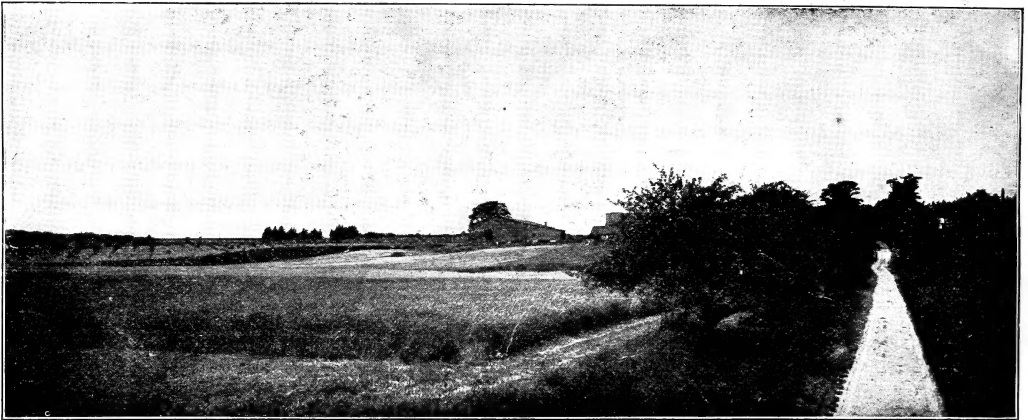
MANNER OF REMITTING

Any way most convenient to yourself will be satisfactory, except do not send money in a letter without registering it. The safest way is by either postal or express order, New York draft or your own personal check.

ALL SHIPMENTS BY EXPRESS

Except (1), in case of orders large enough to require boxing, and **(2)** unless you order freight shipment.

The cost of expressage over freight on small orders is less than generally supposed, and, for the safe transit of orders small enough to go in a bale, is, in our opinion, absolutely imperative. **DON'T PAY GOOD MONEY FOR GOOD STOCK AND THEN JEOPARDIZE IT FOR THE SMALL SAVING THERE MIGHT BE BY SHIPPING IT BY FREIGHT.** We will use our best judgment in shipping, unless we receive positive orders from you.



ENTRANCE TO THE VAN DUSEN NURSERIES

SUBSTITUTING

If we are out of a size ordered by you we will send the nearest possible in size, of the same variety; we will make no substitutions in the variety, however, without your permission.

We suggest, however, that if your order is a small assortment for home use, that you give us permission to substitute if necessary, as in all cases where we avail ourselves of this permission we make it a point to give better varieties if possible, than those ordered, and it also saves much correspondence. It is especially desirable in filling orders sent late in the Spring to have this permission, as we are then more apt to be out of some varieties. In making substitutions the variety is labelled true, and we do not send a low priced kind for one of our choicer varieties, even under a general permission to substitute.

FUMIGATION

We take no chances on shipping stock infested with any insect pest; regardless of whether it is required or not we always fumigate all stock shipped by us and in using our stock you take no risk whatever.

HEIGHT OF TREES

Measured from the ground up, just as they grew in the nursery. The root is not included in measuring the height.

WE DELIVER ALL SHIPMENTS

Properly packed and in good condition, at the express or freight office, Geneva, N. Y., when our responsibility ceases.

PREMIUMS

We give this year many of our newest and most expensive varieties as premiums with our collections.

No. 98

STATE OF NEW YORK, DEPARTMENT OF AGRICULTURE

CERTIFICATE OF INSPECTION OF NURSERY STOCK.

This is to certify that the stock in the nursery of THE VAN DUSEN NURSERIES, of Geneva, County of Ontario, State of New York, was duly examined in compliance with the provisions of Section 305, of the Agricultural Law and was found to be apparently free from any contagious or infectious disease or diseases, or the San Jose Scale or other dangerously injurious insect pest or pests.

R. A. PEARSON,
Commissioner of Agriculture.

AS FAR AS POSSIBLE.

IN ORDERING, PLEASE NOTE THE FOLLOWING SUGGESTIONS:

FREIGHT SHIPMENT is best for all orders of sufficient size to require boxing.

EXPRESS SHIPMENT is best for orders small enough to be baled—taking everything into consideration, it is cheapest in the end. If in doubt, leave it to us to decide; we shall do this according to first, what will be best for the stock, and second, which will be cheaper for you.

ADDRESSES: Be sure to fill in both mail and shipping addresses, in full, as indicated in blanks below.

SUBSTITUTIONS: Be sure to give permission for substitutions if you are willing it should be done, especially in case of small orders or when only a few of a variety. All substitutions will be labelled true, but **none made without your permission.** No high-priced or special variety, like Herbert, will be substituted at all, even under a general permission.

NAMES: We shall appreciate your giving us the names and addresses, on the back of this sheet, of such of your friends and acquaintances as you think would like to have this catalogue. We do not try to see how many catalogues we can distribute, but to how good a class of people we can send them; we rather have five or ten names of this class of people than scores selected on the "hit and miss" plan.

W. L. McKAY, Proprietor of the Van Dusen Nurseries, Geneva, N. Y.

Dear Sir:

Please send me at the proper time the coming season, the goods indicated on this order

sheet, (1) By Express. (2) By Freight. (3) By which ever way you think is advisable. } Erase two of these three } directions leaving the one } for which I enclose }
you wish followed.

\$.....in form of [Draft, P. O. Order, Etc.]

Date..... Signed.....

Ship to

P. O. Address.....

R. R. Station is Express Office is

County State

Railroad..... } Name of
Express Co.

[illegible]

PLANTING

The best way to plant all nursery stock, if you can afford the time, is to dig a generous hole, trim the ends of all roots, set the plant the same depth as it grew in the nursery, fill in with very finely pulverized soil, **without any packing whatever**, flood the hole with water and let its action settle the soil about the roots. When the water has done its work, fill in the last two inches with perfectly dry soil, **without packing**, then mulch. Use **plenty of water**.

The next best method is to fill in a little at a time, **tamping the soil hard about the roots**, leaving the top two or three inches as **loose as possible**, then mulch.



ONE OF OUR GREENING TREES AND ITS 1911 CROP

TRIMMING

For a medium head fruit tree cut out all but two to four branches, trimming these to not over six inches in length, cutting "to a bud"—a slanting cut, above the bud. For a high head, cut off all branches except the one best adapted for a "leader," cut this to the height desired, or if too short, grow it to the desired height. If you want lower heading in your peach trees, cut the body square off at the desired height. Do not trim evergreens! Ornamental trees and shrubs, shorten in the branches as savagely as you have the heart to do! Grapes, cut off all except one shoot, shortening that to only two to four buds. Small fruits, treat a good deal as you do shrubs. Roses, follow directions given under "Roses," page 29.

All stock that is planted in the fall should not be trimmed till spring.

CASH WITH ORDER

It is no reflection on one's credit, that this point is so strenuously insisted upon. Catalogue orders average only a very few dollars each, and to carry many hundreds of such accounts would necessitate an advance in prices that would throw this added expense upon the buyer.

HEIGHT OF TREES

I have no criticism to make of the nurserymen who, in grading their trees, include the root when giving the size of their trees. I simply wish to call your notice to the fact that **our measurements are as the tree stands when planted**. Its only interest to you as a buyer is to know that **my 3 to 4 ft. peach trees are the same grade of trees as the 4 to 5 ft. grade of the nurseryman who includes the root in the height**. My 5 to 7 ft. trees are a **stronger grade** than the 6 to 7 ft. trees where the root is included.

By the way, just what is meant by a "5 to 7" ft. grade? It does not mean that in every order, or in every variety, some trees must necessarily be 7 ft. high; it does mean that none should be under 5 ft., and from that size up to whatever height the variety naturally attains in the nursery. In some varieties like the strong growing Japan plums, sweet varieties of cherries, and Kieffer pears, there may be quite a proportion of 7 ft. trees, while in such as Worden-Seckel, the sour cherries, Sutton Beauty, Fameuse and Early Harvest apples, a 7 ft. tree in a young block is rare. The expression "5 to 7 ft." is exactly equivalent to the expression "5 ft. and up;" both are trade terms that mean practically the same thing; I presume we nurserymen incline to the use of the former expression because it sounds bigger!

SPRAYING CHEMICALS

ARSENATE OF LEAD

Insecticide for eating or chewing insects; the best insecticide for Codling Moth on apples and pears; no matter how strong it is used, it cannot injure the foliage, while the use of Paris Green, London Purple or White Arsenic compound is always attended with more or less danger to the foliage. A great advantage is that it adheres to the foliage longer than any of the other poisons. Is especially fine for use on potatoes.

PRICES per pound in unbroken packages, f. o. b. Baltimore.

400 lb. barrels, 7c
500 lb. barrels, 7c

600 lb. barrels, 7c
100 lb. kits, 8c

50 lb. kits, 9c
25 lb. kits, 11c

COPPER SULPHATE

For making the Bordeaux mixture.

By the barrel \$6.00 per 100 lbs., F. O. B. Geneva, Syracuse or New York City, our option. In less barrel lots \$7.00 per 100 lbs.

Barrels run about 525 lbs. Any variation from that weight will be corrected when shipped.

(The price of copper Sulphate is liable to fluctuations and all orders are taken subject to any advance in price after issuing this list.)

LIME

90% to 95% pure, \$1.00 per bbl. f. o. b. Tyrone, Pa. This is the grade of lime which should be used in making the concentrated solution of Lime-Sulphur and is the same that has been used for that purpose at the Experiment Station.

LIME-SULPHUR SOLUTION

In 48-51 gallon barrels, making about 550 gallons of mixture when diluted: \$9.00 per bbl.; \$6.00 per half bbl. (30 gallons), f. o. b. Syracuse, N. Y.

SULPHUR—Fine Flour

For preparation of Lime-Sulphur Solution. In unbroken barrels, 250 lbs. each, \$6.25 per bbl. f. o. b. Newark, N. J.

In ten barrel lots delivered at your station in New York, Pennsylvania, Delaware, Maryland and the New England States, freight paid.

SULPHUR—Commercial Flour

In 110 lb. bags, \$2.20 per bag, f. o. b. either Geneva or Middleport, N. Y., our option. In lots of ten bags or more, \$2.00 per bag.

This grade of Sulphur has been used at the Experiment Station in making the concentrated Lime-Sulphur Solution, and found to be all right for this purpose, although it is not so finely prepared as the more expensive Sulphur in barrels.

AGRICULTURAL LIME

Fresh burned, lump; car lots only, 20 to 25 tons, \$3.00 per ton. Freight rate on these goods from Kiln to Geneva is \$1.60 per ton; the rate to most N. Y. state points would probably be under \$2.00 per ton. Settlement is on R. R. shipping weights.

In remitting for a car of lime send \$60.00 for a twenty ton car. When the R. R. weights are given we will settle any difference there may be either over or under the 20 tons. If you want over 20 tons, send at the rate of \$3.00 per ton.

Don't ask for less than a car-load—I cannot offer it. Buy a car and resell to your neighbors.

Don't ask me to give you the freight rate—it is impossible for me to give it without much correspondence. Ask your R. R. agent what the freight will be from your station to points on the Northern Central R. R. in Lycoming Co., Pa., and he will give it pretty near.

The greatest point of interest to you in buying this fresh burned or "Quick Lime" is, that in the process of air slacking 20 tons of this Lime will increase in weight to about 30 tons of Carbonate of Lime, which is the same chemically as the ground Lime Stone, and you get a much quicker effect from it at less than half the cost.

FERTILIZER CHEMICALS

Prices will be printed separately this year and sent on application.

FRUIT DEPARTMENT

CHERRIES

In the entire Eastern portion of the United States, probably no fruit outside of apples, generally does so well as the cherry. About the only absolutely necessary soil requirement is that **it must not be wet**. Like the peach in this respect, the tree will not live in land that holds water in surplus of the trees' requirements.

In Northern New York and the coldest parts of New England the sweet varieties cannot stand the severe cold of winter, but there are very few localities indeed where the sour varieties cannot be grown.

SET THE TREES AS DIRECTED ON PAGE 3 AND TRIM OFF AT LEAST ONE-HALF OF ALL BRANCHES AS SOON AS PLANTED. Don't trim fall planted trees till early the following spring. We advocate rather severe pruning every spring for three or four years so as to hasten the growth of the head; soon as the head is large enough to bear a paying crop of fruit, **CEASE ALL FURTHER PRUNING EXCEPT TO GIVE SHAPE AND REMOVE CROSSED OR DEAD BRANCHES.**

WITH EVERY CHERRY COLLECTION, EXTRA SIZE, ON PAGES 6 AND 7, A SPECIAL PREMIUM OF 6 HERBERT RASPBERRY PLANTS, WORTH 75c.



My Montmorency "Kindergarten". These Small Fingers Annually Pick from 15 to 30 Tons of Cherries for me.

SOUR VARIETIES—Plant 16 to 18 ft. apart

All sour varieties are lighter growers than the sweets, and are graded correspondingly shorter.

PRICES, cash with order.

Extra, size, 4½–6 ft
Regular size, 4–5 ft

Height measured from the **bud up**;
roots **not** included in measurement.

	Each	Per Doz.	Per 100
.....	35c	\$3.50	\$25.00
.....	25c	2.50	20.00

MONTMORENCY

It is needless to say much about this great cherry—I am going to let the figures here given do most of the "talking." It is a large, red, mild acid variety, the one that the canners want exclusively when they can get enough of them. At the same time it is the one best all round, main crop, family cherry. With us its season can be extended over three weeks time, commencing usually July 5th to 10th. It improves in size and quality till the end of the season.

Year	Pounds	Price per lb.	Total amount sales
1899	886	5c	\$ 44.30
1900	2,382	4c	95.28
1901	1,926	5c	96.30
1902	3,012	8c	240.96
1903	33,200	5c	1,660.00
1904	22,785	5c	1,139.25
1905	31,845	4c	1,273.80
1906	32,345	4c	1,293.80
1907	25,295	4½c	1,138.27
1908	31,780	5c	1,589.00
1909	50,830	5c	2,541.50
1910	43,000	5c	2,150.00
1911	62,135	5½c	3,417.42
Total	341,421		\$16,679.88

Eighteen years ago we planted about 5 acres of this variety. Its yield since then is here given. For the first 8 years reported the crop was sold right here in Geneva. The past 5 crops have been sold to the Curtice Brothers Co. of Rochester, N. Y. The figures here given include also minor sales to local customers each year in Geneva. The total quantity for the entire period is probably within less than a ton of the exact amount, and is under rather than over the actual figures, as every year many baskets are used or given away of which no record is made.

Special Montmorency offer—135 trees for one acre orchard, about 3½ ft. high, set 18 x 18 feet, \$20.00

SOUR VARIETIES—Plant 16 to 18 ft. apart.

All sour varieties are lighter growers than the sweets, and are graded correspondingly shorter.

PRICES, cash with order

Extra size, 4½–6 ft	Height measured from the bud up;	Each	Per Doz.	Per 100
Regular size, 4–5 ft	roots not included in measurement.	35c	\$3.50	\$25.00
		25c	2.50	20.00

EARLY RICHMOND

Fruit medium to large, roundish, dark red; flesh pale yellow, juicy, fine grained, tender, melting, moderately firm, pleasant sub-acid. Latter part of June till the Montmorency season.

This cherry ranks next among the older sorts, to the Montmorency. If you plan to grow cherries for a local market or to ship to a distant market, I would advise planting half Richmond. They are so much earlier that they get the higher prices of the early market, and will give excellent returns. The canners will usually take them at about 1c less per pound than Montmorency and as they come about ten days before Montmorency they serve to lengthen the picking season just that much. The tree is a stronger grower than the Montmorency and somewhat heavier bearer. While less firm and a trifle smaller than Montmorency it is a grand cherry and as it lengthens the cherry season by about ten days it should be included in every collection planted for home use.

Special Richmond offer—135 trees about 3 feet high, for one acre orchard, set 18 by 18 feet, \$15.00.

DYEHOUSE

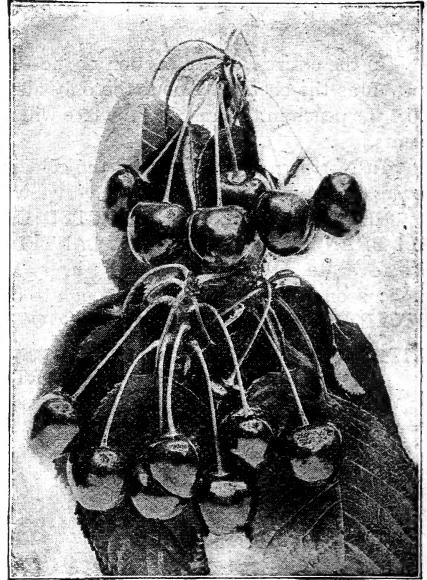
Fruit medium size, flattish; lighter red color than Richmond; a very good, productive sour cherry, similar to Richmond except smaller and hardly as good, but a few days earlier.

ENGLISH MORELLO

Very dark red, almost or quite black when ripe, when they attain very large size. Very acid, very rich, very juicy. When people refer to the "old-fashioned sour cherry," this is the variety they have in mind. Trees very light growers, dwarfish, but heavy and annual bearers. Can be planted much closer than Richmond or Montmorency, comparatively short-lived. Last of July to first of August.

MAY DUKE

Fruit medium, heart shaped to conical, attractive dark red; flesh light red, juicy, fine grained, tender, melting, moderately firm, pleasant, sub-acid, very good; nearly freestone. Season, end of June.

**EARLY RICHMOND****RUBY COLLECTION**

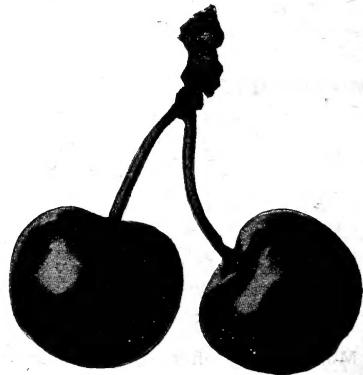
Extra size only

1 Montmorency	. . . . .	\$ .35
1 Early Richmond	. . . . .	.35
1 English Morello	. . . . .	.35
1 Windsor	. . . . .	.35
1 Gov. Wood	. . . . .	.35
6 HERBERT RASPBERRIES premium		.75

Total List Price \$2.50
COLLECTION PRICE \$1.25

**Rows of One-Year ABESSE AND MARGUERITE TREES**

Many of these yearlings would pass for two-year trees, being full size and well branched. They are quite likely to show fruit the next year after planting.

**MONTMORENCY**

We offer again this Spring the Two Superb New Cherries
"THE ABESSE D'OIGNIES" and "THE MARGUERITE"

So far as we know, we are the only nurserymen growing these two varieties.

THE ABESSE COLLECTION

1 ABESSE D'OIGNIES	\$.75
1 Black Tartarian . . . . .	.35
1 Governor Wood . . . . .	.35
1 Early Richmond . . . . .	.35
1 Montmorency . . . . .	.35
6 HERBERT, Premium . . . . .	.75
Total List Price	\$2.90
COLLECTION PRICE	\$1.50

THE ABESSE

Very vigorous, forming a large tree; the fruit is very large, attractive, very dark red; the flesh is yellowish white, juicy, fine grained, tender and soft, an agreeable sub-acid; season middle to last of July.

This is one of the Duke class of cherries, but is not strongly acid, is exceedingly rich, and I regard it as perhaps the highest quality of any cherry I have ever eaten. From my observation of it during the past few seasons, it is among the latest of the really fine varieties. Is in season for a long time, making it especially desirable for home use.

It is a variety which should be in every door yard or garden. Our one-year old trees already show some fruit buds for next year.

We this year, have this variety only in one-year old trees, which have made a growth of from 3 to 5 feet, well branched. They should be cut off square at whatever height you wish the head to form. In the nursery we trim one-year old trees to 28 to 30 inches.

Price, 75c each

W. L. MCKAY:

TURIN, N. Y.

Dear Sir:—The trees reached me in fine shape and were all alive when cold weather set in. One of the Cherry trees had a few cherries on it last summer.

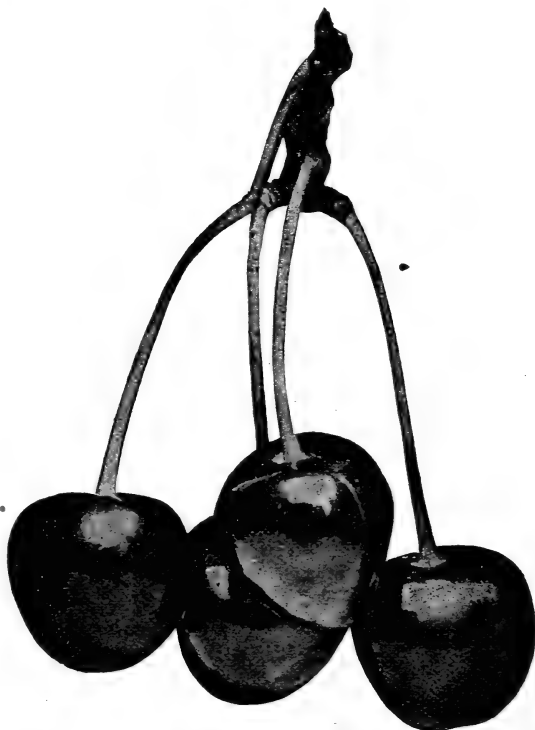
Yours truly,

C. E. HILLS.

Price of "The Abesse" and "The Marguerite"
 1 tree each, \$1.00.



"THE MARGUERITE" CHERRY
 50c each



"THE ABESSE D'OIGNIES" CHERRY
 75c each

"THE MARGUERITE"

Fruit unusually large, heart shaped, light red, often showing a little yellow on the shaded side; flesh pale yellow, juicy, mild, sub-acid; season very late. We have been fruiting this in a small way for several seasons and it is a variety that has pleased me more and more each season. A great bearer and develops young. We have had fruit the same year the tree was planted.

It is a great big, handsome, fine quality, firm meated cherry, and I am more than proud to have reintroduced so valuable a variety.

This variety, like "The Abesse" we have only in one-year trees, but if topped off at the desired height, you will find it will make a very handsome tree in a single season, with a high probability of showing its fruit the following summer.

Price, 50c each

"THE MARGUERITE" COLLECTION

1 "MARGUERITE"	\$.50
1 "ABESSE" . . . . .	.75
1 English Morello . . . . .	.35
1 Early Richmond . . . . .	.35
1 Montmorency . . . . .	.35
1 Gov. Wood . . . . .	.35
1 Windsor . . . . .	.35
6 HERBERT, Premium . . . . .	.75

Total List Price	\$3.75
COLLECTION PRICE	\$2.00

SWEET VARIETIES—Plant 20 to 22 ft. apart**PRICES, cash with order**

Extra size, 5-7 ft.
Regular size, 4-6 ft.

Height measured from the bud up;
roots **not** included in measurement.

Each	Per Doz.	Per 100
35c	\$3.50	\$25.00
25c	2.50	20.00

SWEET VARIETIES—BLACK**BLACK TARTARIAN**

Fruit large, heart shaped, purplish black; quite juicy, very tender and of fine flavor and quality. Not so firm as Windsor, but decidedly higher in quality. If only one black cherry is wanted for home use, this is probably the best. June, early July.

WINDSOR

Medium to large, nearly or quite black when fully ripe; flesh somewhat juicy, tender, meaty and very firm, making it a good shipper and valuable commercial variety. In both quality and size is the inferior of Tartarian, but withal is a fine cherry and adds greatly to the length of the season. Middle to last of July.

**WINDSOR****SWEET VARIETIES—LIGHT COLORED**
GOVERNOR WOOD

A medium sized, amber colored cherry, with red cheek, a tender, sweet and delicious variety suitable especially for home use. First of July.

NAPOLEON BIGARREAU

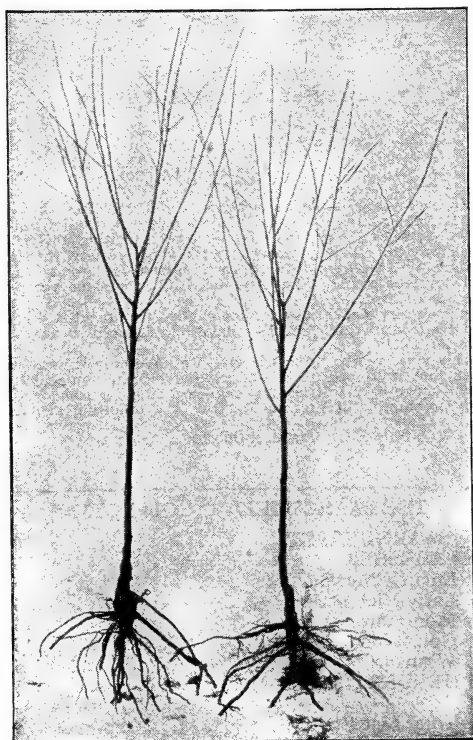
Probably the best light colored, commercial variety. Fruit very large, heart shaped; skin whitish yellow, changing when fully ripe to a rich yellow with a brilliant red cheek, sometimes covering nearly the entire cherry. Flesh very firm, sweet and meaty, very good, ranking however, in quality below the Yellow Spanish whose season it overlaps, being a little later. Is at its perfection about July 8th to 12th.

ROCKPORT BIGARREAU

Fruit large, heart shaped, amber yellow with bright red cheek. A tender, juicy, fine flavored variety for home use, but too tender for shipping. First of July.

YELLOW SPANISH

Large, heart shaped, amber yellow with a bright red blush; meaty, sweet, very rich, rather more juicy than Napoleon and distinctly higher quality, and at the same time nearly as firm and a good shipper. Like Napoleon, if sprayed to control rot will hang a long time on the tree. Early June. [NOTE—There is a great similarity between this cherry and the Napoleon; I have thought that in quality the Spanish has a slight advantage over Napoleon. The latter has perhaps less color, which is an advantage if growing them for the canning trade. For home use I am inclined to recommend this variety a little the highest, although if the two varieties were mixed together few of us could sort them out with much certainty of being correct. W. L. M.]

**SAMPLE OF OUR EARLY RICHMOND TREES****BUFFALO, N. Y.**

Mr. W. L. McKay,
Geneva, N. Y.

Dear Sir:

Your favor of the first inst. was duly received. I am pleased to make a most favorable report of the trees purchased from you last spring. The Peach trees are all growing but one, and they make a very handsome orchard. The cherry and plum trees have all done well, and I do not think that more than two or three of the Strawberry plants failed to grow.

Yours very truly,

WM. P. CONLEY.

[NOTE—This is a pretty good record for an order of 250 Peach trees, 75 Cherries, 35 Plums, 6 Apples, 24 Currants and 200 Strawberries.—W. L. M.]

**GOVERNOR WOOD**

MCKAY'S DWARF APPLES

Dwarf Apple trees are grown on either the Paradise apple stock, or on the Doucin; the former produces the extreme dwarfed style of apple tree, the latter, a style of tree less dwarfed, and one that will in a few years make bearing area sufficient to bear a crop of fruit that is worth while.

I have hitherto advised against planting Dwarf Apple trees as a commercial proposition, even as fillers. After seeing the fruit on the seven year old trees in the State Experiment Station orchard the past season, however, I believe that under certain conditions they are a perfectly good business proposition. Such varieties as Baldwin, Greening, McIntosh and Spy which seem generally to be good varieties in most of our Northern and Eastern apple regions, are in my opinion excellent for fillers in a standard orchard, and I also believe that a solid Dwarf orchard, planted rather close together, of any or all of these varieties, will make a good paying orchard. So firmly am I of this opinion that I am going to plant a small orchard of Dwarfs, not less than 14 nor more than 16 feet each way, with the expectation of taking out every alternate diagonal row in about 15 to 18 years, and thus changing the distance to from about 19 feet to about 23 feet apart each way according to the original distance. If this orchard will do as well as the one on the Experiment Station grounds which adjoin us, I shall expect in seven to ten years a return of about 200 bbls. of fruit from it per acre in bearing years.



DWARF MCINTOSH

7 years old, on grounds of N. Y. State Experiment Station, with a barrel of perfect fruit.

EAST AURORA, N. Y.

MR. W. L. MCKAY,

Dear Sir:—I am pleased to say that all my 48 Dwarf Apple trees—3 Sweepstakes Collections—purchased from you last spring, lived and made a wonderful growth; some of them made a growth of from two to three feet. I think all the other trees in the shipment, some 30 or 40 lived and did well. Am very much pleased with them.
Respectfully yours, S. E. ABBOTT.

QUALITY DWARF APPLE COLLECTION

1 Df. Hendrick Sweet, \$.40	1 Df. Fameuse, \$.40
1 Df. Seek-no-further, .40	1 Df. Sutton, .40
1 Df. Spitzenburg, .40	1 Df. Twenty Oz. .40
1 Df. Yellow Trans., .40	1 Df. Wealthy, .40
1 STANDARD STEARNS, New, Premium, .50	
List Price,	\$3.70
COLLECTION PRICE,	\$2.50

McKAY'S DWARF APPLES

We are growing only the varieties of Dwarfs here listed—please do not order any others as we cannot furnish them.

[The descriptions of all varieties of apples given here, slightly abbreviated, are taken from "Apples of New York" by Prof. S. A. Beach, former Horticulturist at the New York Experiment Station, now professor of Horticulture at the Iowa State College of Agriculture, Ames, Iowa, to whom acknowledgment is very gratefully made. W.L.M.]

Varieties marked thus * in the following lists of Dwarf and Standard apples, are recommended by the State Experiment Station in bulletin No. 275, as hardy in the extreme northern portion of the state or at least worthy of trial. Among the very hardiest are **Duchess, McIntosh** and **Wealthy**.

Price, all varieties, 40c each, \$4.00 per doz., \$25.00 per 100

EARLY VARIETIES

*DWARF RED ASTRACHAN

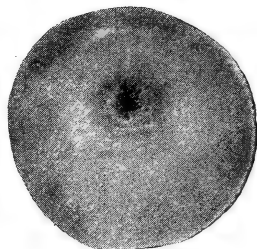
Medium size; pale yellow, often nearly or quite over-spread with light and dark red, splashed and striped with deep carmine, with a heavy bluish bloom; flesh white, often tinged with red, rather fine, crisp, tender, juicy, sub-acid, aromatic, good to very good. Late July to September.

*DWARF YELLOW TRANSPARENT

Medium to above medium; pale waxy yellow, changing to an attractive, yellowish white; flesh white, moderately firm, fine grained, crisp, tender, juicy, sub-acid, pleasant but not high flavored, good. Late July and August.



KING



DUCHESS

ALL VARIETIES

*DWARF DUCHESS OF OLDENBURG

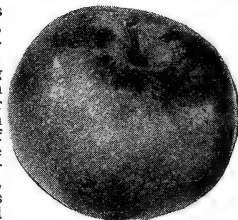
Medium to large; pale yellow, almost covered with splashes and stripes of bright red, mottled with crimson; flesh tinged with yellow, rather firm, moderately fine, crisp, tender, juicy, sub-acid, aromatic, good to very good for culinary purposes. Late August and September. This is one of the earliest of the Russian varieties grown in this country, and possibly one of the very best. It seems to do well in almost every locality where it has been planted.

*DWARF FAMEUSE—Snow

Average below medium; bright red, deepening to purplish black, somewhat striped toward the apex, flesh white sometimes stained with red, very tender, juicy, sub-acid becoming mild, aromatic, very good for dessert. A very weak grower, October to mid-winter.

*DWARF McINTOSH

Above medium; clear whitish-yellow or greenish, washed and deeply blushed with bright red and striped with carmine, highly colored specimens becoming dark purplish red, over-spread with a thin, lilac bloom; flesh white sometimes veined with red, firm, fine, crisp, tender, very juicy, agreeably aromatic, perfumed, slightly sub-acid, becoming mild and nearly sweet when very ripe, very good to best for dessert. [NOTE—In our opinion this is the highest quality of any apple grown that we have ever eaten. Fruit from our McIntosh orchard of 400 trees, partly in bearing, has always kept in common storage till after the holidays. W. L. M.]



DWARF KING

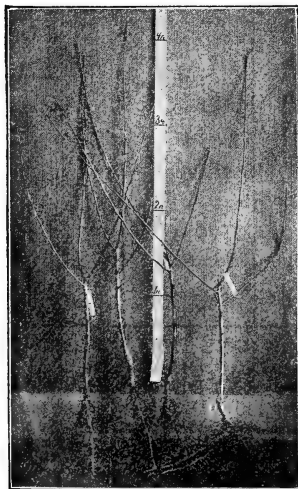
Large to very large; yellow, mottled or washed with orange red, often shading to deep red, striped and splashed with carmine; flesh yellowish, rather coarse, crisp, tender, aromatic, juicy, sub-acid, very good to best. October to January. This variety probably ranks fourth in quantity grown in New York state.

DWARF TWENTY OUNCE

Very large; greenish, becoming yellow, washed, mottled and splashed with bright red, or deepening to dark red with carmine stripes; flesh whitish, somewhat tinged with yellow, coarse, moderately tender, juicy, sub-acid, good for culinary uses, second-rate for dessert. September to early winter.

*DWARF WEALTHY

Above medium to large with a tendency to smaller size as trees age; pale yellow or greenish, blushed and marked with narrow stripes and splashes of red, deepening to brilliant red, very attractive; flesh whitish, sometimes stained with red, moderately fine, crisp, tender, very juicy, agreeable sub-acid, somewhat aromatic, good to very good. October to January.



McKAY'S DWARF APPLE TREES

SWEEPSTAKES COLLECTION

16 Dwarf
Apple Trees

One Tree of Each Variety
Listed in This Catalogue
and One Standard Tree of

16 Different
Varieties

the New Stearns Apple as a Premium.

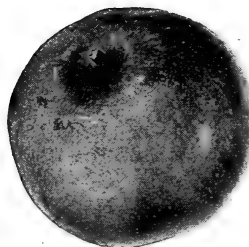
LIST PRICE, \$5.83

COLLECTION PRICE, \$4.00

McKAY'S DWARF APPLES

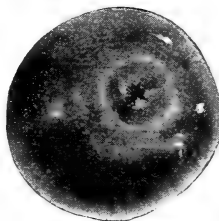
Price, all varieties, 40c each, \$4.00 per doz., \$25.00 per 100

WINTER VARIETIES



DWARF BALDWIN

Sometimes large to very large; skin light yellow, blushed or mottled with bright red, striped with carmine; flesh yellowish, firm, moderately coarse, crisp, rather tender, juicy, agreeable sub-acid, somewhat aromatic, good to very good. November to March or April.



DWARF SEEK-NO-FURTHER

Above medium; deep yellow or greenish shaded and splashed with rather dull red, in highly colored specimens over-spread with bright, pinkish red, striped with deep carmine. Flesh tinged with yellow, firm, a little coarse, crisp, tender, juicy, mild, sub-acid, rich, aromatic, very good to best. February

DWARF HENDRICK SWEET—Sweet Winesap

Medium to large; bright green becoming yellow with reddish spots or with a well developed, brownish-red blush; flesh whitish with yellow tinge, firm, tender, moderately juicy, very sweet, good to very good. December to April or May.



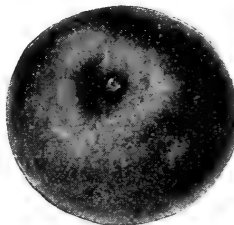
DWARF SPITZENBURG

Below medium to large; deep rich yellow often almost completely covered with bright red striped with darker red, in the sun deepening to a very dark, purplish blush; flesh tinged with yellow, firm, moderately fine, crisp, rather tender, juicy, aromatic, sprightly sub-acid, very good to best. November to March.



DWARF NORTHERN SPY

Large to very large; the clear pale yellow ground color is nearly concealed with bright pinkish-red, mottled and splashed with carmine and overspread with a delicate bloom; flesh yellowish, rather firm, moderately fine grained, very tender, crisp, very juicy, aromatic, sub-acid, very good to best. November to nearly the close of the season.

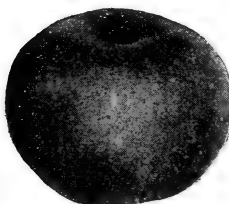
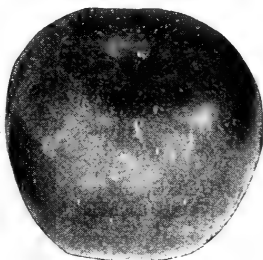


DWARF SUTTON BEAUTY

Medium size; attractive bright red striped with carmine, nearly over-spreading the lively yellow or greenish ground color; flesh tinged with yellow, rather firm, moderately fine grained, crisp, tender, juicy, mild sub-acid, very good. November to March.

DWARF RHODE ISLAND GREENING

Above medium to large; green varying to yellow, sometimes with brownish red blush, which rarely deepens to a bright red; flesh yellowish, firm, moderately fine grained, crisp, tender, juicy, rich, sprightly sub-acid, peculiarly flavored, very good in quality. October to March or April.



DWARF ROXBURY RUSSET

Above medium, variable in shape; skin somewhat tough, usually covered with greenish to yellowish-brown russet; flesh tinged with yellow or greenish, firm, somewhat coarse, moderately tender, juicy, sub-acid, good to very good. December to May.

W. L. McKAY,
Geneva, N. Y.

405 Main St., WORCESTER, MASS.

Dear Sir:

The 14 Dwarf Apple trees purchased from you last spring did finely, every one.

Very truly yours,
H. H. BROWNING.



Showing the relative height of Dwarf Apple Trees grown on Doucin and on Paradise stock. The tree which Mr. McKay is facing is the former, the one just back of him is the latter. They stand on the State Experiment Station grounds, and were planted in 1899.

STANDARD PEARS

Pears require a strong soil for the best development of tree and fruit. A rich loam topsoil with strong clay subsoil is for the great majority of varieties, the ideal soil. Of course the land must not be wet.

Never plant closer than 16 ft. in commercial orchards, and 18 is better. In garden or lawn of course much closer planting is allowable.

PRICES, except as noted, cash with order

	Height measured from ground up ; roots not included in measurement.	Each	Per Doz.	Per 100
Extra size, 5-7 ft		35c	\$3.50	\$25.00
Regular size, 4-6 ft		25c	2.50	20.00

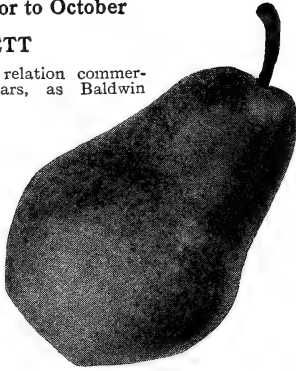
EARLY VARIETIES

Prior to October

BARTLETT

Stands in the same relation commercially among other pears, as Baldwin does among apples.

Large size; rich yellow when ripe, with a beautiful blush cheek; highly flavored, juicy, buttery, very vigorous, bears very abundantly at a comparatively early age, and is an annual bearer. August and September. [NOTE—The Bartlett is preferred by the canners to any other variety, so that no matter how large the crop, Bartlett always sells at a fair price at least, even when other varieties go begging.]



The crop of Bartlett from the Van Dusen orchards is one of the sure things that we "bank" on every year, and are very seldom disappointed. There is no variety that is safer today to plant on a commercial scale than Bartlett pears. W. L. M.]

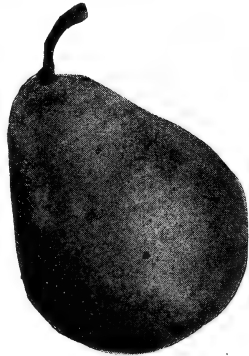


WORDEN SECKEL

fine, high quality pear. September. [NOTE—This grand variety is not desirable for a market variety, but should be in every home garden. It is a splendid variety on which to "work" poor growers like Bosc. W. L. M.]

WORDEN SECKEL

Seedling of Seckel, by S. Worden, originator of the Worden grape. Fruit medium in size, larger than its parent; pale yellow, overspread with red on the sunny side; flesh white, melting, not as rich and vinous as Seckel, but finer grained, very good. September. [NOTE—A very poor grower; if necessary we reserve the privilege of grading as in Seckel. W. L. M.]



CLAPP'S FAVORITE

CLAPP'S FAVORITE

Very large; pale yellow, blushed with red; very high, rich quality. Should be gathered very early. August.

FLEMISH BEAUTY

Tree hardy, vigorous and productive; fruit large, roundish, very subject to scab if not sprayed; pale yellow, mostly covered with russet patches, with a reddish brown cheek; slightly coarse, but a very

LATE VARIETIES

October and Later

KIEFFER

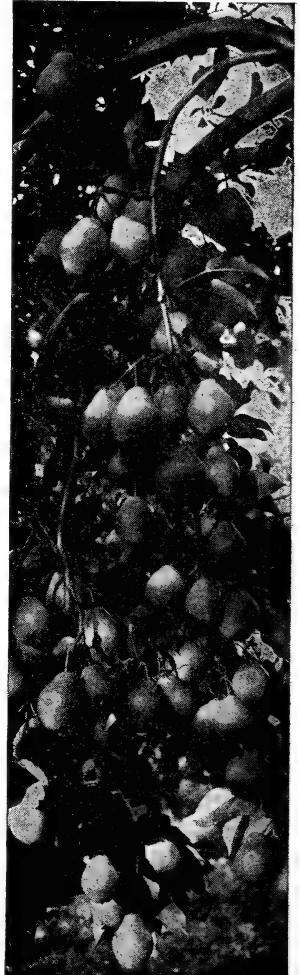
Tree very vigorous and an early, heavy and regular bearer; fruit medium to large; yellow, blushed with red on the sunny side; flesh coarse, juicy, of very medium quality, but excellent when canned or cooked. October. [NOTE—A leading commercial variety, probably next in importance in this state, to the Bartlett. Contrary to most varieties it is best to leave this on the tree just as long as it is safe on account of the fall winds, as it gains in size, color and beauty very rapidly toward the end of its season. This is one of the varieties which we are growing. We have about 700 trees which yielded this last season an average of about 3 bushels per tree—a very profitable crop. W. L. M.]

BEURRE D'ANJOU

Large; greenish yellow, sometimes faintly blushed; flesh slightly coarse, juicy, aromatic, very good. October and November.

DUCHESSE D'ANGOULEME

Large with uneven surface; greenish yellow, often streaked and spotted with russet; very juicy, sweet, very good. October.



CLUSTER OF KIEFFER

BOSC COLLECTION

1 BOSC,	\$1.00	1 Flemish,	\$.35
1 Bartlett,	.35	1 Kieffer,	.35
1 Clapp,	.35	1 Seckel,	.35
6 Cuthbert Raspberries, premium,			.25
List Price,		\$3.00	
COLLECTION PRICE,		\$1.50	

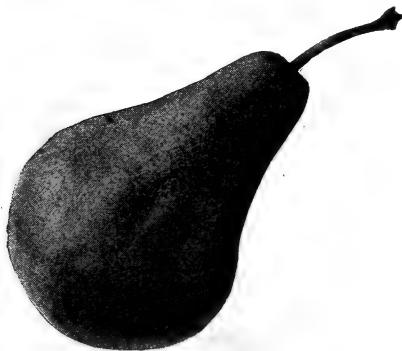
STANDARD PEARS

PRICES, except as noted, cash with order

	Each	Per Doz.	Per 100
Extra size, 5-7 ft	35c	\$3.50	\$25.00
Regular size, 4-6 ft	25c	2.50	20.00

BEURRE BOSCH

1-year old only, 2½-4 ft., \$1.00 each;
\$10.00 per doz.



Large; dark yellow, largely covered with cinnamon russet and sometimes tinged with red; flesh white, buttery, melting, rich, sweet, aromatic and delicious, best. October. [NOTE—I regard the Bosch as one of the most profitable kinds to grow. A poor grower in the nursery, but a strong grower in the orchard after it becomes once established. Should be planted fully 20 feet apart. This is a great seller especially on the Boston market in bushel packages at from \$2.00 up to prices that are fabulously high. W. L. M.]

LAWRENCE

Medium size, very productive; greenish yellow, often marked with russet; very good. Early winter.

SECKEL

Our most highly flavored pear, the standard of excellence. Fruit small, yellowish brown, with a russet-red cheek; flesh very juicy, melting, aromatic, with a rich, spicy flavor; quality, very best. September and October. [NOTE—The Seckel has often been incorrectly called a poor grower in the nursery; it is a short grower, especially for the first two years, but even from the first is of a very sturdy, straight, upright habit, making a handsome, symmetrical growth. Seckel probably ranks third in commercial importance in the State. On account of its shorter growth as a young tree we reserve the privilege of grading it about a foot under Bartlett in all sizes. W. L. M.]

SHELDON

Tree vigorous, hardy, productive; medium to large size, roundish, apple shaped; greenish, changing to a yellowish russet when fully ripe. Flesh whitish, very juicy, melting, rich, very high quality. October. [NOTE—This is a variety that we regard of the very highest quality. While not extremely late we have kept them in storage until January. If picked early and stored, they retain their high quality, so far as we can notice, to absolute perfection. After moving them from storage we can keep them in ordinary, cool storage, for a month or six weeks longer. If you try it you will place it in the same class as Seckel and Bosch—a "top notcher." W. L. M.]

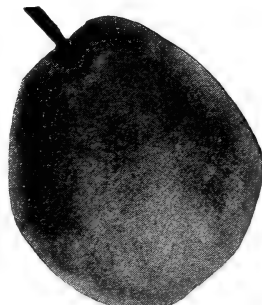


VERMONT BEAUTY

Below medium in size; greenish yellow, blushed and specked with red on the sunny side; of fine quality. Early October.

DWARF PEARS

May be set much closer than standards, but would not advise closer than 14 ft. They are adapted mainly to garden planting, not comparing with standards in most sections for commercial planting.



DUCHESSE D'ANGOULEME

	Each	Per Doz.	Per 100
Extra size, 3-4 ft	30c	\$3.00	\$20.00
Medium size, 2-3 ft	20c	2.00	15.00

We can furnish of our own growing, Bartlett, Clapp, Duchess and Seckel, all of which do well as dwarfs.

APRICOTS

	Each	Per Doz.	Per 100
Extra size, 4-5 ft	25c	\$2.50	\$20.00
Regular size, 3-4 ft	20c	2.00	15.00

MONTGAMET

A large, rich yellow apricot of the very finest quality. Owing to the comparatively limited demand for this fruit we confine ourselves to growing this one variety, believing it to be the best of all.

QUINCES

	Each	Per Doz	Per 100
Extra size, 4-5 ft	35c	\$3.50	\$25.00
Regular size, 3-4 ft	25c	2.50	20.00

BOURGEAT

A new variety, very highly recommended. Large size, smooth, rich golden color, a late keeper. The most vigorous grower of all varieties.

CHAMPION

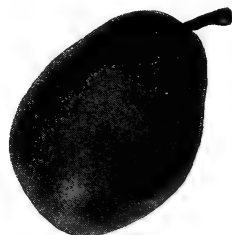
A strong grower, very early bearer, about two weeks later than Orange. Small, two year trees right in the nursery row are very often loaded with fruit.

ORANGE

Large, round, golden yellow. The standard commercial variety everywhere but has blighted badly the last three years.



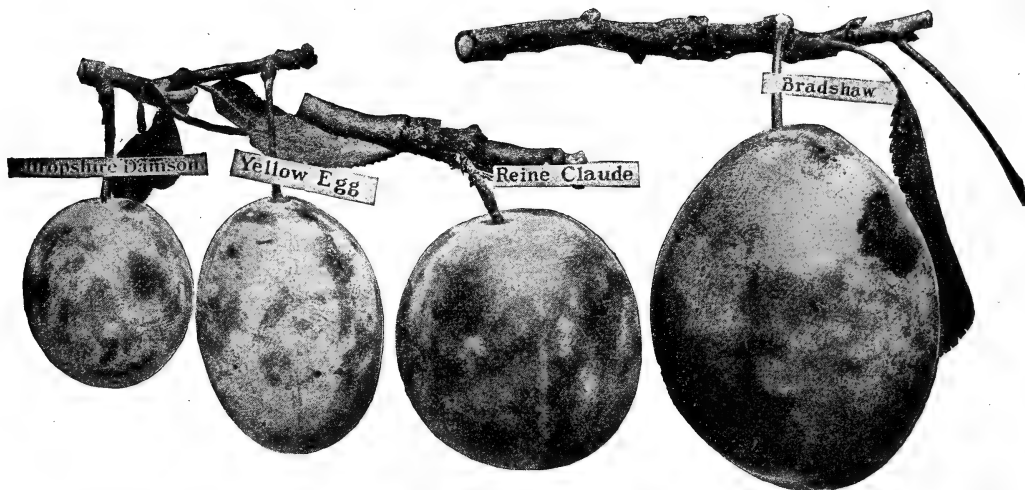
SECKEL



LAWRENCE

PLUMS

Plant 16 to 18 feet apart each way. The plum is a heavy feeder, and will stand plenty of fertilizing. It does best on our rich deep loams, with clay sub-soil.



EUROPEAN VARIETIES

PRICES, cash with order

	Each	Per Doz.	Per 100
Extra size, 4¼-6 ft	35c	\$3.50	\$25.00
Regular size, 3½-5 ft.	25c	2.50	20.00

BRADSHAW

Very large, egg shaped; dark violet red changing to purple when ripe; flesh yellow, rather coarse, sweet, rich, juicy, very fine quality, and one of the best if not the best dessert plum. Half freestone. August fifteenth.

FELLENBURG (Italian Prune)

Fruit large, oval, purplish black, with thick white bloom; flesh greenish yellow, fine grained, tender, firm, agreeably flavored, very good quality; freestone. September.

GERMAN PRUNE

Fruit medium size, oval; skin purplish black, covered with thick bloom; flesh green, rather dry, fine grained, firm, sweet, of very good quality freestone. September.

LOMBARD

Vigorous, very productive, an annual bearer; large, oval, purplish

red, becoming very dark; flesh yellow, juicy, fine grained, fairly firm and sweet, good; half freestone. August, September. [NOTE—This is one of the old "standbys," you should have. It's easy to grow and is in good demand. W. L. M.]

MONARCH

Large, roundish oval; dark purplish red, with white bloom; flesh golden yellow, fine grained, tender, sweet and of good quality; a valuable home and market variety; clingstone. September.

REINE CLAUDE

The true Green Gage—Large, round, green turning to the most perfect golden yellow when ripe, in which stage it compares with Bradshaw as a dessert plum of the very highest

SENECA VALLEY COLLECTION

1 Bradshaw,	\$35	1 Reine Claude,	\$35
1 Lombard,	.35	1 Shropshire,	.35
1 Monarch,	.35	1 Yellow Egg,	.35
1 New Hydrangea, Hill of Snow, premium,	.50		

Total Price, \$2.60
COLLECTION PRICE, \$1.50

quality. Flesh throughout its changes is the same as the skin in color; freestone. September-October.

SHROPSHIRE DAMSON

An improved Damson, grown with success in New York medium size, oval, purplish black with thick bloom; flesh golden yellow, fine grained, firm, sour, changing to an agreeable, sprightly flavor when ripe, clingstone. September, October.

YELLOW EGG

A very vigorous, productive variety; fruit very large, long, oval; an attractive golden yellow covered with white bloom; flesh yellow, juicy, rather coarse, sweet and tender, of good quality; nearly free; September.

MILFORD, N. H.

MR. W. L. MCKAY,

Dear Sir:—The small order for trees I sent you last spring was all right—the best trees I think, that I ever received from any nursery.

W. F. WALBRIDGE.



LOMBARD

MONARCH

PLUMS

JAPAN VARIETIES

PRICES, cash with order

Extra size, 5-7 ft.	Height measured from ground up ;	Each	Per Doz.	Per 100
Regular size, 4-6 ft	roots not included in measurement.	35c	\$3.50	\$25.00
		25c	2.50	20.00

The Japan varieties are very distinct from the European varieties in their **very early bearing** proclivities, in being **heavier bearers** with more **highly colored fruit** running mostly to strong reds, and the exceedingly **strong character of growth**. They are **tremendous growers**, and **tremendous croppers**. They are as a whole rather inferior to the European varieties in quality, but on the other hand they grow in many localities where the others will not, and so fill a decidedly useful place.

ABUNDANCE

Very productive of average good sized fruit, of a dark red color, with lilac bloom; juicy, fine grained, tender, very sweet, rich and pleasant; very good; freestone. Season early, before Burbank.



ABUNDANCE

BURBANK

Very productive; fruit large, dark red over a yellow ground; flesh rich yellow, juicy, fine grained, tender and sweet; clingstone. Conceded the best of all the Japans either for home or commercial use. August.



OCTOBER PURPLE

OCTOBER PURPLE

Large, roundish, dark red on a yellowish green background; flesh yellow sometimes tinged with red, very juicy, fine grained, melting, with a tough skin which causes it to carry well. Quality good; clingstone. Early September.

RED JUNE

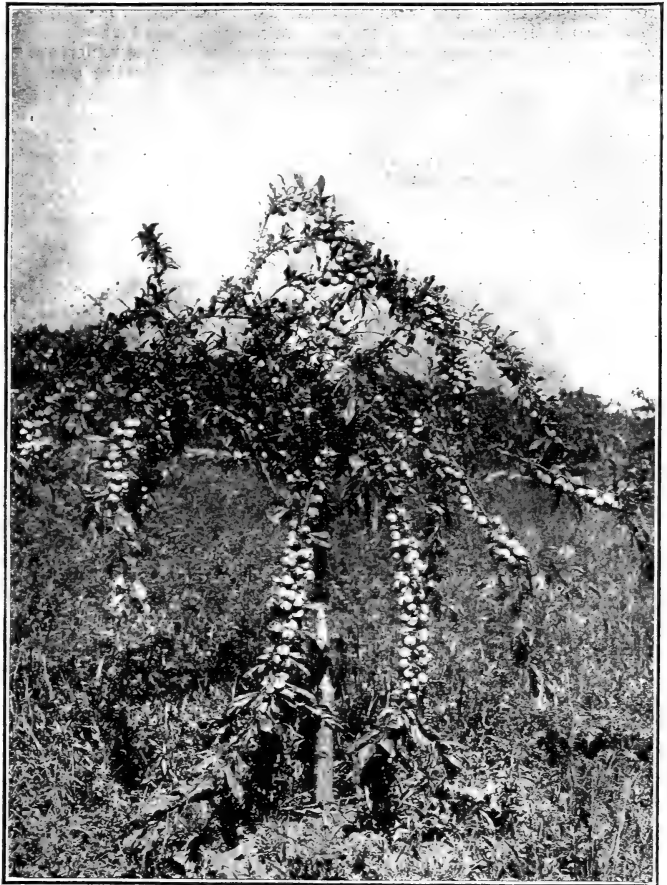
Medium to large, roundish, heart shaped, garnet red with thin lilac bloom; flesh yellow, firm, meaty, sweet, good. Very early, before Abundance. Clingstone. Its earliness and good shipping qualities give it a decided commercial importance. Trees lack hardness in some sections.

SATSUMA

Large, roundish, very dark red; flesh dark purplish red, juicy, fine grained, moderately firm, slightly sweet with an almond flavor. Pit small, clingstone. September.

WICKSON

Rather shy bearer; fruit very large, heart shaped, greenish yellow blushed with red, changing on maturity to a very



3 YEAR OLD BURBANK TREE IN BEARING

dark red; flesh yellow, juicy, coarse, firm and sweet; clingstone. Early September.

MIKADO COLLECTION

1 Abundance,	\$.35	1 Oct. Purple,	\$.35
1 Burbank,	.35	1 Satsuma,	.35
1 Red June,	.35	1 Wickson,	.35
1 New Hydrangea, Hill of Snow, Premium,	.50		
Total Price,	\$2.60		
COLLECTION PRICE,	\$1.50		

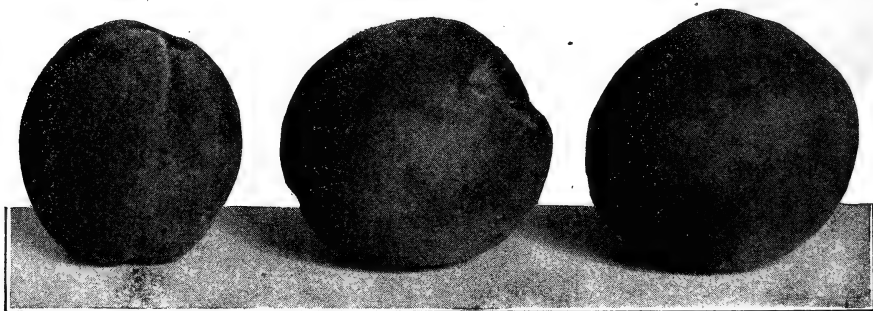
McKAY'S PEACH TREES

They are grown from stock that I myself cut from **TESTED, BEARING TREES**, most varieties within the last 3 years. The liability to mixture is thus reduced to a minimum.

Every peach tree I shall ship the coming spring, will be of my own growing. When I sell out of a variety of peach, I simply stop selling that variety. I do not "buy in" from other growers.

Every fruit grower knows that there are more mixtures in varieties of peach trees than in any other of the tree fruits. One reason for this is in the fact that different varieties of peach trees are so similar in appearance, that if they once become mixed it is impossible to distinguish between them with any degree of certainty, while with the majority of kinds of other fruit trees, the nurseryman can readily detect any mixture from the appearance of the different varieties.

Another prolific source of mixture in peaches is this: in the spring all seedlings whether apples, peaches or other kinds, are cut off just above the bud which was put in the previous summer to produce the variety sought; this bud starts to grow, and **at the same time about fifty other buds start out from the seedling all around it.** We go over the young trees at least three times and break out all these buds which start from the seedling; this process is called "sprouting." It often occurs that the one bud we wish to save dies during the winter, and the man sprouting leaves another bud—from the seedling—which has grown out so close to the dead bud as to appear to be the one which we want saved. This bud so left grows up, and becomes a strong, flourishing seedling tree. By the time we are ready to bud our next block the following August and September, this seedling has become a tree of perhaps three or four feet in height. If this seedling is not detected and broken down, there is danger of cutting perhaps a hundred buds from that one seedling tree, so that in our row of that variety next year, **we shall have a mixture of a hundred seedlings, instead of one.** Now let this go on for two or three years and you have a block in which perhaps one-half the trees are worthless seedlings. Fortunately, those seedlings can be distinguished by the expert grower, but the careless or inexperienced peach grower will pass them by. There are some varieties to which these accidental seedlings bear a strong resemblance, so that even an expert may be excused if he occasionally lets a tree escape his notice.



McKAY'S LATE, 50c

LAMONT, 30c

WILLET, 40c

One of each, and one **Crimson Beauty**, \$1.00

To guard against this source of mixture, we have adopted the following plan: **first of course, we go over our blocks carefully and break down every tree which we are at all suspicious of being a "seedling;"** then every four or five years we go into some of the best orchards of the state, and get buds from bearing trees sufficient to bud two or three rows of such heavy varieties as Elberta, Carman or the Crawfords, and at least a single row of every kind we intend to grow. The following year we use buds from these rows **exclusively**, and continue using from the same stock for three or four years longer, then we do the same thing right over again, discarding our old stock and getting a new start from bearing trees which have been tested and which we **KNOW** are true to the variety we want, in each case. After some thirty years' experience in growing peaches, **I do not believe that by any other method can a nurseryman's block of peach trees be kept even reasonably free from the mixture of seedling trees.**

There is another possible advantage in following this method; while we do not claim to be growers of "pedigreed" trees, we are always careful to get buds only from orchards having a reputation for the best fruit, and then cut from only the best individual trees of the different varieties. Our last renewal of buds was two and three years ago, and in another year we shall commence another renewal. If any of our customers feel interested in knowing the source of the stock from which our present peaches are grown, will say that the stock from which come our Elberta are from the orchards of Mr. B. J. Case of Sodas, N. Y. and T. H. King & Sons of Trumansburg. Both these orchards are so fine that one always thinks that one is best in which one happens to be at the time. From Mr. Case's orchard also come our Lamont, Willett and Early Crawford. From the King orchards come our Carman, Smock, Chair's Choice, Greensboro, Old Mixon, Belle of Georgia, Champion and Salway. From the orchard of W. F. Marks of Chapinville, come our Mountain Rose, Stump and Waddell, the latter from one tree which, out of several, has for many years shown very marked superiority over all the others. From the State Experiment Station orchard come our Foster, Crosby, Fitzgerald and Stevens Rareripec, and from my own bearing trees come our Late Crawford, Hill's Chili, Abundance, Crimson Beauty and McKay's Late, the last three being from the original trees.

McKAY'S PEACH TREES

These twenty-four varieties are the only ones we offer for sale this year, and when we sell out of any variety we shall stop selling it as it is against our policy to sell any peach trees except of our own growing.

With the above statement of our methods of peach growing—which can be verified by correspondence with the gentlemen named,—we make no apology for what may seem to some purchasers our somewhat higher level of prices than will be found in many lists. We believe, however, that taking all things into consideration, **in the long run we are giving for the money far greater value than many who list at a lower range of prices.**

PRICES OF PEACH TREES, except as noted, cash with order

		Each	Per Doz.	Per 100
Extra size, 4-6 ft	Height measured from the bud up ;	20c	\$2.00	\$15.00
Regular size, 3-4 ft	roots not included in measurement.	15c	1.50	12.00
Medium size, 2-3 ft. In lots of		not less than fifty		9.00



OUR THREE SIZES OF PEACH TREES

ABUNDANCE

This is a strain of Alexander selected by us several years ago, which seemed so superior to all others in size and bearing qualities, that we have kept it distinct under this name.

Price, extra size, 25c each; \$2.50 per doz.; regular size, 20c each; \$2.00 per doz.

ALEXANDER

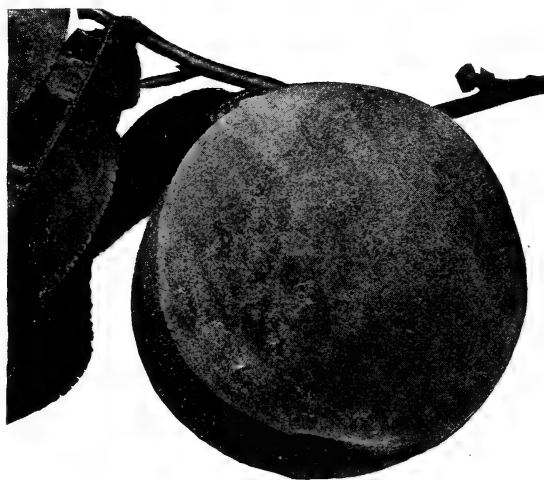
Medium size; deep maroon on greenish yellow ground, shaded and splashed with carmine, clingstone, good quality, extremely early. Middle to last of July.

BELLE OF GEORGIA

A very large, white skinned and flesh peach of exceptionally high quality, with handsome, red cheek. September first to fifteenth.

CARMAN

Large, resembling Elberta in shape; pale yellow over-spread with a deep blush; flesh tender, very juicy, fine flavor. August.



CRIMSON BEAUTY

CHAIR'S CHOICE

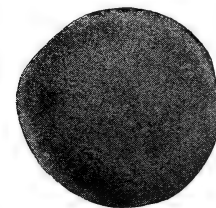
A large size, yellow peach with red cheek; flesh yellow, firm. Follows Willett, and several days earlier than McKay's Late.

CHAMPION

Very early and very good. Creamy white, with red cheek, freestone. First of August.

CRAWFORD'S EARLY

It seems unnecessary to describe this fine old variety. Its large size, fine rich yellow color with red cheek and the high quality of its rich yellow flesh, have made it the basis for a comparison in excellence of all varieties which conform more or less to its chief characteristics. The Crawford "type" of peach is so well recognized in the market, that those peaches which come later and are of this general type of peach, have succeeded best as commercial varieties. Two striking instances of this occur in the Willett and Lamont. First of



September.

CRAWFORD'S LATE

Large, yellow with red cheek; flesh yellow, quality high for so late a variety. Last of September.

CRIMSON BEAUTY

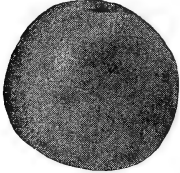
A dainty little dessert peach, of which we are the only growers. It was found right in the city of Geneva. Fully medium size, a handsome fruit of fine flavor. It is a superb peach and well worth a trial.

Price, extra size, 30c each; \$3.00 per doz.; regular size, 25c each; \$2.50 per doz.

McKAY'S PEACH TREES

PRICES OF PEACH TREES, except as noted, cash with order

Extra size, 4-6 ft	Height measured from the bud up;	Each Per Doz.	Per 100
Regular size, 3-4 ft	roots not included in measurement.	20c \$2.00	\$15.00
Medium size, 2-3 ft. In lots of	not less than fifty	15c 1.50	12.00
			9.00



CROSBY

CROSBY
Medium size; yellow, splashed with crimson; flesh yellow, good quality. One of the very hardiest varieties. Middle of September.

ELBERTA

Large to very large; fruit somewhat elongated, flattish; flesh yellow, firm, not very juicy nor of high quality, but without doubt is the most popular market variety of today, on account of its great productivity, large size, handsome appearance and remarkable shipping qualities. It follows Early Crawford,

ductiveness, uniformly

FITZGERALD

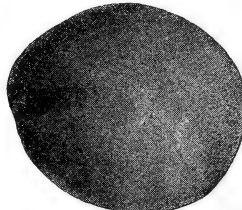
A new, medium to large size, round peach same season as Early Crawford. Yellowish green with a decided cheek, yellow flesh, and fine quality. It is hardy and very productive, and has sprung into favor very rapidly.

FOSTER

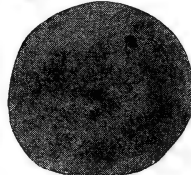
A large, yellow peach with red cheek, quite similar to Early Crawford, only larger.

GREENSBORO

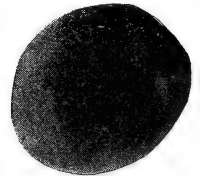
Claimed to be the largest of the very early varieties. Fine color, rich white flesh, as early as Alexander and freestone when fully ripe.



ELBERTA



FITZGERALD



HILL'S CHILI

HILL'S CHILI

Medium size; dull yellow with more or less red cheek, skin very thick and tough with very heavy down, flesh yellow, not very juicy, exceedingly rich, very firm, stands handling and shipping well. Its quality when canned is of the very highest.

LAMONT

A large, new peach, fast taking its place in the commercial list. The description of Early Crawford is a description of this variety, except that the Lamont is freer from injury in the bud, from specking in the fruit, and in every way more resistant to similar faults. Its heavy week follows the heavy week of Elberta. [NOTE—This ranks in quality very high among the late varieties—possibly next to Willett as a dessert peach. It bridges the gap between Elberta and Willett, preceding the latter about a week. W. L. M.]

Price, extra size, 30c each; \$3.00 per doz.; regular size, 20c each; \$2.00 per doz.

McKAY'S LATE

An extremely late variety originating on our farm about 15 to 18 years ago. We have picked this variety as late as Oct. 23d. Picked perfectly green and hard, Oct. 16th, two years ago, it carried for ten days and ripened to perfection. Skin greenish yellow, with a red cheek in the sun; medium large to very large, longish, with a very deep suture near the stem, as shown in cut on page 16. The flesh is yellow, of good quality, and—here comes its most striking characteristics—it is every bit as juicy as an Early Crawford. About all the very late peaches are dry and mealy; there is no juicier peach grown than McKay's Late.

Extra size, 50c each; \$5.00 per doz. Regular size, 40c each; \$4.00 per doz. Medium size, 25c each; \$2.50 per doz.

A description and excellent cut of the McKay peach, together with a comparison of this variety with its only close competitor, the Salway, appeared in the *Rural New Yorker* for Jan. 6,

1912, page 2, followed by the following comment by the *Rural*: "The peach pictured at Fig. 3 was a fair sample of those sent by Mr. McKay. As he states, these peaches were larger and of better quality than Salway."

Remember the Empire Collection includes: Abundance, 25c; Lamont, 30c; McKay's Late, 50c; Waddell, 30c; Willett, 40c, and that little gem, Crimson Beauty, 30c.



McKAY'S LATE

From 1910 crop of F. J. Sergeant, Sodus, N. Y.

EMPIRE PEACH COLLECTION

List Price, \$3.55 COLLECTION PRICE, \$2.50

15 Peach Trees. Our Selection. From

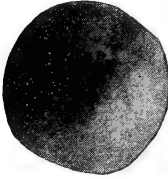
Earliest to Latest

In this collection will be included ALL the special varieties of peaches till sold out.

McKAY'S PEACH TREES

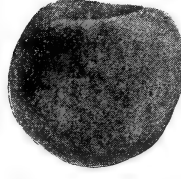
PRICES OF PEACH TREES, except as noted, cash with order

Extra size, 4-6 ft	Height measured from the bud up ;	Each	Per Doz.	Per 100
Regular size, 3-4 ft	roots not included in measurement.	20c	\$2.00	\$15.00
Medium size, 2-3 ft .. In lots of		15c	1.50	12.00
		not less than fifty		9.00



MOUNTAIN ROSE

A large, early freestone peach, yellow, nearly covered with a rich crimson; flesh white and excellent quality. Follows Alexander and Greensboro, a week or ten days before Early Crawford. This is a very old variety which for the last ten years has been regaining its popularity, the call for it having increased wonderfully during that time.



SMOCK

Large, light orange-yellow with red cheek; flesh yellow, rich; a splendid old, late variety. October.

STEVEN'S RARERIPE

Medium size, high color, very productive, good quality. First of October.

STEVEN'S RARE RIFE

STUMP

Very large; creamy white, with bright red cheek; flesh white. Last of September.

NIAGARA

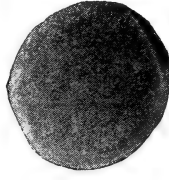
A large, new peach, native of Western New York said to be of fine quality and a great bearer. Judging by the demand for the trees no new variety has been so quickly taken up by peach growers.

OLD MIXON FREE

Large, yellowish white, with red cheek. Is a hardy, productive variety of fine quality. Middle of September.

SALWAY

Medium to large; yellow with rather dull red cheek; flesh deep yellow, rich in quality but rather dry like most late peaches. October.

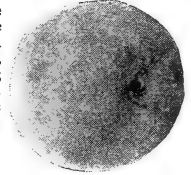


SALAWAY

WADDELL

The trees of this variety produce heavy crops while young and mature in early mid-season. Fruit medium to above in size, slightly elongated, creamy white, blushed with red; flesh whitish, very good in quality. This has tested out valuable for home and commercial purposes.

Price, extra size, 30c each; \$3.00 per doz.; regular size, 20c each; \$2.00 per doz.



WILLETT

Among all yellow fleshed peaches without exception, this variety, in respect to flavor and quality, stands with McIntosh among apples, Seckel among pears, and Delaware among grapes.

Its season following La-mont, its great size, unusual beauty and its exceptionally high quality, all unite to make it probably the choicest peach introduced during the last generation. Introduced by Mr. Curtice L. Van Dusen in 1876.

Price,
extra size,
40c each;
\$4.00 per
doz.; regular
size, 25c
each; \$2.50
per doz.



The above cut shows an orchard of about 3500 solid Elberta and 700 apple trees sold by us to Harry Vail, a large grower of New Milford, N. Y. The orchard is four years old and the past season bore thousands of baskets of fruit, even the apples doing their share, one small portion that did especially well, yielding seven barrels of Ben Davis apples. Mr. Vail reports only one percent loss in dead trees in this entire planting, and one tree not true to name—a seedling.

STANDARD APPLES

According to habit of growth and earliness of bearing, apple trees may profitably be set from 20 to 50 feet apart—we have planted Greening at 42 ft. filling in at 14 ft. throughout very profitably with peaches. When set at the wider distances a "filler" of an early bearing variety of apple or of peaches or small fruits is always profitable, between the more widely planted apples.

PRICES, except as noted, cash with order

	Each	Per Doz.	Per 100
Extra size, 4½–7 ft.	40c	\$4.25	\$30.00
Regular size, 3½–6 ft.	30c	3.25	22.50
One year size	25c	2.50	17.50

HEIGHT MEASURED FROM THE BUD UP

When the description of a variety has been given under Dwarf Apples, pages 10 and 11, it will not be repeated here.

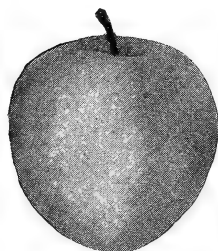
EARLY VARIETIES

EARLY HARVEST

Medium size; pale yellow, sometimes slightly blushed; flesh white, not firm, rather fine, crisp, tender, juicy, sub-acid, good to very good. Late July and August.

GOLDEN SWEET

Good medium size, clear yellow when fully mature, rich and sweet, good flavor and quality. Cultivated especially for home use. Middle of August to last of September.



YELLOW TRANSPARENT

*RED ASTRACHAN

See Dwarf Apples.

SWEET BOUGH

Above medium to large; pale yellow, sometimes faintly blushed; flesh white, moderately firm, fine, somewhat crisp, very tender, juicy, sweet, aromatic, good to very good. August and early September.

YELLOW TRANSPARENT

See Dwarf Apples.

FALL VARIETIES

ALEXANDER

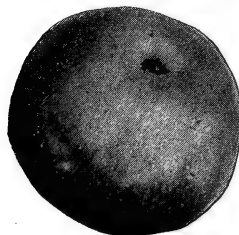
A Russian variety, very large, attractive red or striped, coarse in texture, medium to good quality, suitable for cooking rather than dessert. Its season commences in September and extends into November.

CONSTANTINE

This comparatively new variety resembles Alexander very closely, possibly a little better in quality, a little later and continues longer in season. A very reliable cropper, and matures a larger percentage of merchantable fruit, being free from the tendency to crack about the calix and stem which the Alexander often shows. Tree smaller than Alexander and may be planted more closely.

DUCHESS OF OLDENBURG

See Dwarf Apples.



WEALTHY

A very beautiful variety of the Esopus Spitzenburg class, of a brilliant red color, high flavor and excellent quality. A late fall or early winter variety, the season being about the same as that of King.

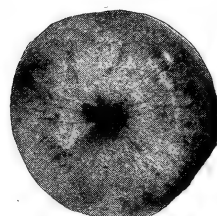
FAMEUSE

See Dwarf Apples.

GRAVENSTEIN

Large; greenish yellow to orange yellow, with stripes of light and dark red; flesh yellowish, firm, moderately fine, crisp, moderately tender, juicy, sub-acid, aromatic, very good to best. Late September to early November.

JONATHAN



RED ASTRACHAN

KING

See Dwarf Apples.

McINTOSH

See Dwarf Apples.

MAIDEN BLUSH

Medium to large; pale, waxy yellow with crimson blush; flesh moderately crisp, tender, very juicy, sub-acid, good especially for culinary uses. September to December.

MUNSON SWEET

Medium size, pale yellow, often blushed; desirable for home use only. Season September to December.

POUND SWEET (Pumpkin Sweet)

Large to very large; green, changing to yellow, marbled with greenish yellow, sometimes showing a brownish-red blush, but never a distinct red color; flesh tinged with yellow, firm, medium in texture, crispness and juiciness, sweet, with a peculiar flavor; good for culinary use and especially for baking.

RAMBO

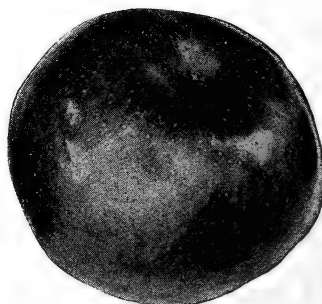
A rather finely flavored fall or early winter variety of medium size. Pale greenish yellow mottled with red. Mildly sub-acid. Not recommended in the east as a commercial variety, but desirable for home use.

TWENTY OUNCE

See Dwarf Apples.

WEALTHY

See Dwarf Apples.



TWENTY OUNCE

*WOLF RIVER

Large; bright yellow or greenish mottled and blushed with bright deep red and marked with conspicuous splashes and broad stripes of bright carmine; flesh tinged with yellow, firm, moderately coarse, tender, juicy, a little aromatic, fair to good. September to December.

TWO NEW EARLY WINTER APPLES

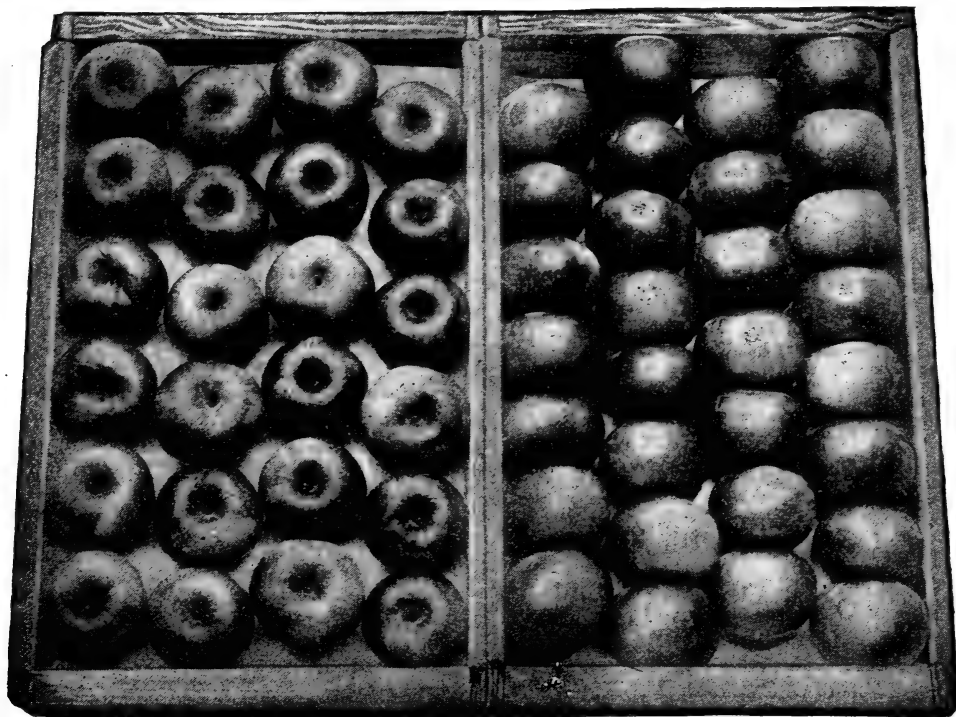
We offer for the first time two new varieties of apples of which we have the entire control
THE STEARNS APPLE

PRICE, 1 year, 50c each; \$5.00 per doz.; \$40.00 per 100

A late fall and early winter variety which has attracted very favorable notice during its test for several years at the State Experiment Station grounds. It is a handsome, bright red, good sized apple, mild sub-acid and of good quality, showing far more than usual those greatest qualities of all for a profitable apple—**regular and heavy bearing qualities.**

We purchased this variety from Mr. Charles T. Stearns of Clay, N. Y. in January 1910, and budded our first stock of it the following summer.

We have only one year old trees to offer at this time.



Two Boxes of Stearns Apple Grown on the State Experiment Station Grounds, Season of 1911

SCARLET BEAUTY—The Big Red Apple

PRICE, 1 year old, 50c each; \$5.00 per doz.

It is only about once in a lifetime that the opportunity comes to a nurseryman of getting hold of such a prize as **The Big Red Apple.**

A cross between the Pearmain and Stone apples, and in its native habitat of Northern New York it is a **magnificent apple.** It is distinctly large without being coarse, of a vivid, brilliant, all over red—as handsome as a fine McIntosh and much larger. Many may remember a single specimen shown by us at the N. Y. State Fruit Growers Association at Rochester in 1910. We have never seen a single specimen of any fruit attract so much attention as did this. It is of fine quality, a regular and heavy bearer, and every admirer of **"The Big Red Apple"** will get it to absolute perfection in the **Scarlet Beauty.**

PRICE, 50c each; \$5.00 per doz.; \$40.00 per 100.



1-Year Old Stearns and Scarlet Beauty Trees

STANDARD APPLES

PRICES except as noted, cash with order

	Each	Per Doz.	Per 10 ⁰
Extra size, 4 1/2-7 ft	40c	\$4.25	\$30.00
Regular size, 3 1/2-6 ft	30c	3.25	22.50
One year size	25c	2.50	17.50

HEIGHT MEASURED FROM THE BUD UP

When the description of a variety has been given under Dwarf Apples, pages 10 and 11 it will not be repeated here.

See the **BIG RED APPLE** Collection for a choice assortment for home use.

WINTER VARIETIES

BALDWIN

See Dwarf Apples.

BEN DAVIS

Above medium to large; clear yellow or greenish, mottled and washed with bright red, striped and splashed with clear, dark carmine; flesh whitish, tinged with yellow, firm, moderately coarse, not very crisp, somewhat aromatic, juicy, mildly sub-acid, good. January to June.

*BOIKEN

Above medium to very large; waxy, bright yellow, often with pinkish-red blush; flesh white, firm, crisp, tender, fine grained, very juicy, sub-acid, good. November to March.

GOLDEN RusSET

Above medium; usually almost entirely covered with green or yellowish russet, in highly colored specimens becoming golden russet with bronze cheek; flesh yellowish, rather fine, moderately crisp, tender, juicy, rich, agreeably sub-acid, aromatic, very good. December to April or later.

GRIMES' GOLDEN

Medium to large; clear deep yellow, with pale yellow or russet dots; flesh yellow, very firm, tender, crisp, moderately coarse, juicy, moderately sub-acid, rich, aromatic, very good to best. November to January.

HUBBARDSTON

Above medium to large; yellow or greenish, blushed and mottled with red, varying from dull brownish to clear, bright red; flesh whitish tinged with yellow, tender, juicy, sub-acid, becoming mild, very good to best. January to April.

*LONGFIELD

Usually below medium; pale waxy yellow with a pinkish blush, but not striped; flesh nearly white, fine, crisp, very tender, juicy, sub-acid, aromatic, good to very good. At Geneva is a fall apple, but further north a late keeper.

NORTHERN SPY

See Dwarf Apples.

*PEWAUKEE

Above medium to large; green becoming yellow, washed or mottled with orange-red or red, striped and splashed with carmine, often covered with bloom; flesh nearly white, moderately firm, slightly coarse, rather tender, very juicy, sub-acid, slightly aromatic, fair to good. November to April.

RHODE ISLAND GREENING

See Dwarf Apples.

ROXBURY RusSET

See Dwarf Apples.

SEEK-NO-FURTHER

See Dwarf Apples.

SPITZENBURG

See Dwarf Apples.

STARK

Medium to large; pale green becoming yellow, more or less blushed or mottled with red, and rather indistinctly striped with darker red; flesh yellowish, firm, coarse, rather tender, juicy, mild sub-acid, fairly good. January to May.

THE BIG RED APPLE COLLECTION

All one year size

One each of the following varieties

Yellow Transparent	R. I. Greening
STEARNS	Spitzenburg
Fameuse	Banana
McIntosh	Hubbardston
King	Stark
Wolf River	Spy

And a Premium of one **BIG RED APPLE**—**SCARLET BEAUTY**

List Price, \$3.25 Collection Price, \$2.50

STAYMAN'S WINESAP

Medium to large; green becoming yellowish, often nearly completely covered with rather dull mixed red indistinctly striped with carmine; flesh tinged with yellow or greenish, firm, moderately fine grained, tender, crisp, very juicy, aromatic, pleasant, sub-acid, good to very good. December to May.

SUTTON BEAUTY

See Dwarf Apples.

*TALMAN SWEET

Below medium; skin tough, marked with suture lines sometimes extending almost from the cavity to the basin; pale clear yellow, sometimes a little blushed; flesh white, firm, neither tender nor crisp, rather hard, moderately fine, somewhat juicy, sweet, good to very good. November to January.

TWENTY OUNCE

See Dwarf Apples.

WAGENER

Medium to large; skin glossy, bright pinkish red striped with bright carmine; flesh whitish, tinged with yellow, moderately firm, rather fine grained, crisp, tender, very juicy, sub-acid, aromatic, very good to best. November to February. [Note—While a good grower in the nursery it is a very poor one in the orchard, and as a good producer is short lived; bears early with tendency to overbear; in localities where it does well it is an excellent variety to plant as fillers among other varieties of apples. Its quality is very high. W. L. M.]

WINTER BANANA

Large to very large; waxy pale yellow, with pinkish red blush; flesh whitish, tinged with yellow, moderately firm, a little coarse, somewhat crisp, tender, juicy, mild, sub-acid, aromatic, good to very good. November to April.

YELLOW BELLFLOWER

Size variable, small to very large; bright lemon yellow, varying to whitish in the shade, often with a shade of brownish red in the sun; flesh whitish, tinged with pale yellow, firm, crisp, moderately fine grained, rather tender, juicy, aromatic, good for culinary use, acid, becoming sub-acid later. December to April.

CRAB APPLES

PRICE, same as apples

EXCELSIOR

Very large, yellow, splashed with red; a beautiful little dessert apple. Early September.

HYSLOP

A fine old variety, above medium to large in size; dark purplish red; fine for culinary purposes. Late September and October.

MARTHA

One of the newest varieties; large; yellow, covered with red, good to very good. September to November.

TRANSCENDENT

The "old reliable" crab apple, probably the best jelly crab of them all. Medium to large, bright yellow, with bright red cheek. Late August and September.

CURRENTS

Extra strong, 2 yr. plants.

Commercially we advise planting 5 by 5 ft. so as to cultivate both ways. May plant much closer in the garden. Trim each year, thinning out the old wood, and preserving the more vigorous young shoots.

10c each, \$1.00 per doz.,
\$7.50 per 100, except
as noted

BLACK CHAMPION

Best of the black varieties.

CHERRY

Very large, deep red berries, in heavy clusters, acid; plant very vigorous and productive.

FAY'S PROLIFIC

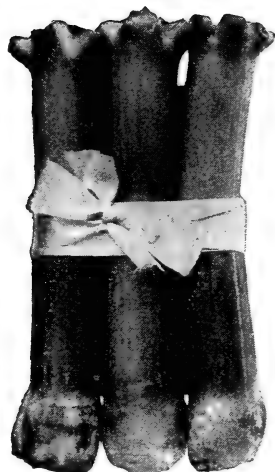
Color deep red; great bearer, clusters longer than Cherry and more thickly borne on the branches. Sweeter than Cherry, higher quality, and earlier.

PERFECTION

New, a cross between Cherry



FAY'S PROLIFIC CURRANT



McKAY'S MAMMOTH
RHUBARB

and White Grape; color bright red, large size, very productive, clusters very long, size of berry maintained well to the end; quality good.

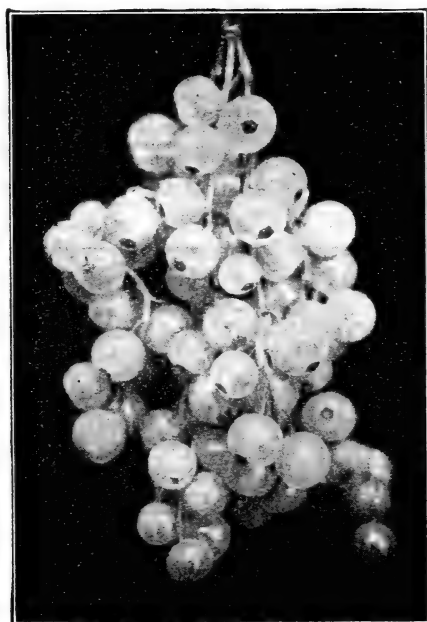
20c each, \$2.00 per doz.

WHITE GRAPE

Large, yellowish white, sweet, excellent quality, valuable for table use; vigorous and productive.

WHITE IMPERIAL

A new white currant, quite similar to White Grape with larger berries; clear, transparent yellow, very sweet, high quality.



WHITE IMPERIAL CURRANT

WILDER

Red, and as a commercial variety to-day stands at the top. The plant is vigorous and productive to the highest degree. It is good size in both berry and cluster, a fine shipper.

RHUBARB

McKAY'S MAMMOTH

A very strong growing, tender, delicious variety which with us, under forced conditions has made a growth of four inches a day. Try it; knock out both heads from any old barrel, place it over a plant, and watch it grow!

25c each, \$2.50 per doz.

ASPARAGUS

For garden culture plant $2\frac{1}{2} \times 2\frac{1}{2}$, for commercial beds, $5 \times 2\frac{1}{2}$ ft. Plant at least 6 inches deep, cover 2 inches and fill as the plant grows.

\$1.00 per 100, \$6.00
per 1000

CONOVER'S COLLOSAL

A standard variety.

PALMETTO

A new variety, generally proving more productive than Conover's.

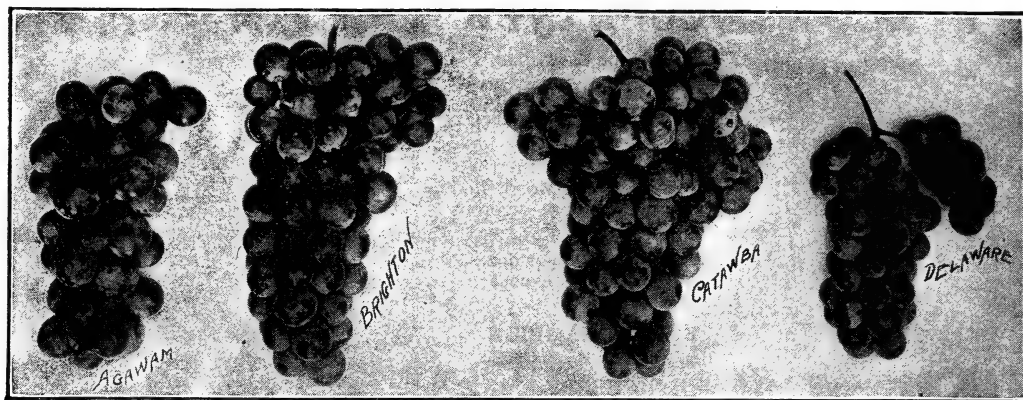
McKAY'S GIANT

A new variety originating in New Jersey, which has proven its value as a great cropper. It has made a record of \$6,446.35 in net returns from 12 measured acres. It is a green variety similar in appearance to Palmetto.

50c per 25, \$1.25 per
100, \$10.00 per 1000.



McKAY'S GIANT ASPARAGUS



GRAPES--Strong Two-Year-Old Vines

Grapes like a warm, loose, well drained soil.

Plant in rows 6 to 8 ft. apart and 6 to 12 ft. apart in the row, according to the habit or growth of the variety. For garden culture of course it is customary to plant much closer, according to the room one has. **Price per dozen, ten times the single rate.**

To trim grapes properly bear in mind this one thing—that the fruit is borne at the base of this year's shoots that come from wood formed last year. Applying this general principle, each winter cut back all last year's growth to within two or three buds, only one of which however should be left to bear the coming crop of fruit. Retain the lowest bud that lives of those that are left, rubbing off the rest as soon as you see you have one good strong shoot started. In this way you can trim for a trellis or you can train a grape up to a stake and plant quite closely for garden culture, and still trim your vine so as to get the best results, making it into a trunk from which bearing wood is kept growing the same as in the method described above.

RED VARIETIES

AGAWAM

Vine vigorous, usually hardy, medium to productive. Fruit ripens soon after Concord, keeps till mid-winter. Clusters medium to large, sometimes shouldered, somewhat loose. Berries nearly large, dull purplish red, covered with lilac bloom. Flesh pale green, tough, solid, foxy, good in quality. (A Rogers Hybrid, No. 15).

15c each.

BRIGHTON

Vine vigorous and hardy, producing average to good crops. Fruit mid-season, keeps well for a short time. Clusters very large to medium, often heavily shouldered, loose to compact. Berries medium to large, red, somewhat glossy, covered with dark lilac bloom, handsome, not firm. Flesh greenish, tender, melting, vinous, very good in quality. A cross from Concord. This is one of the very best red varieties.

20c each.

CATAWBA

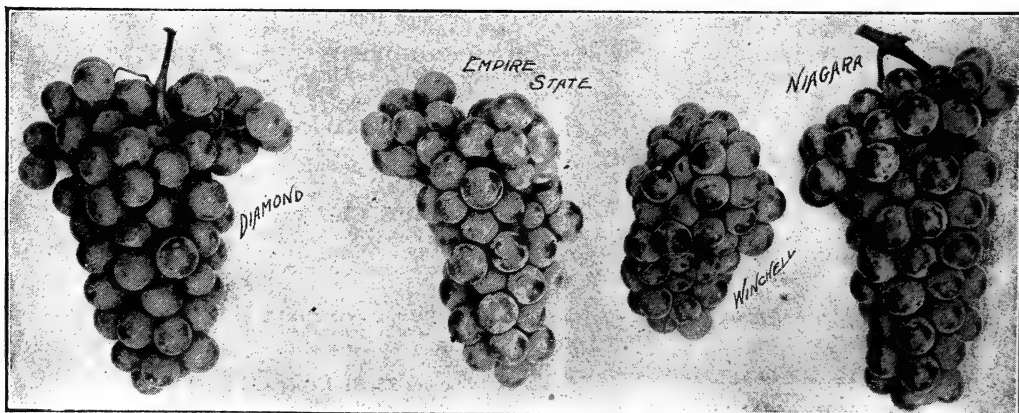
Vine vigorous to medium, hardy, productive. Fruit late, keeping till March or later. Clusters large to medium, shouldered, loose to compact. Berries medium, dark purplish red, with a moderate covering of lilac bloom; firm. Flesh green, juicy, fine grained, vinous, somewhat foxy, sweet and rich, very good in quality. Parentage unknown.

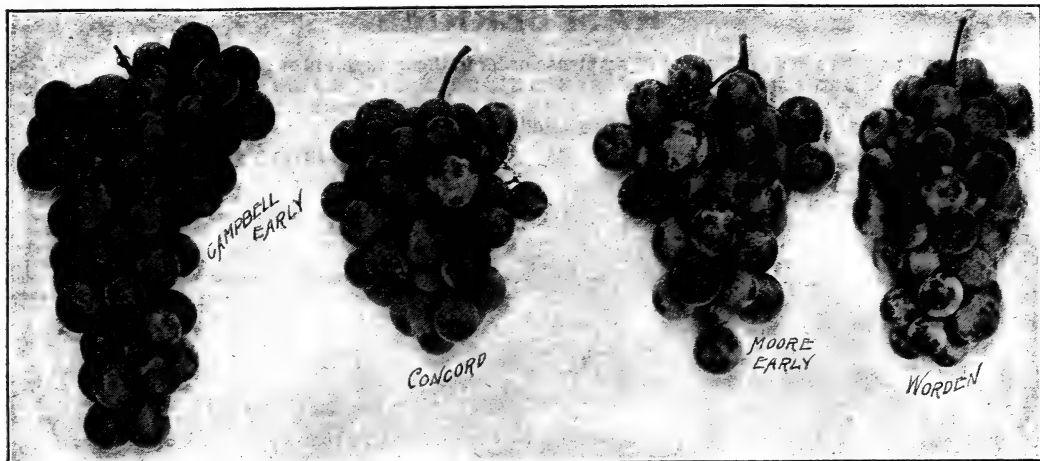
15c each.

DELAWARE

Generally considered the highest in quality of any American variety. Vine not a strong grower, hardy except in unfavorable localities, fairly productive. Fruit a few days earlier than Concord, keeps well. Clusters medium to small, regular, usually shouldered, compact. Berries small to medium, light red covered with a thin, lilac bloom, firm. Flesh light green, juicy, tender, vinous, aromatic, sprightly and refreshing, sweet to agreeably tart, best in quality. Parentage unknown.

20c each.





BLACK VARIETIES

CAMPBELL'S EARLY

Vigorous, hardy, productive. Extends through a long period; earlier than Worden. Clusters large to medium, shouldered, slightly loose. Berries large, dark purplish black with heavy blue bloom. Flesh juicy, not foxy, good, improves by hanging on the vine, superior to Concord. Seedling of Moore Early, hence tracing back to Concord on one side. [NOTE—"The preëminently meritorious qualities of Campbell Early are: High quality when mature; freedom from foxiness and from acidity about the seeds; small seeds which part easily from the flesh; earliness of maturity, ripening about a fortnight before Concord; large size and attractive appearance of bunch and berry; comparative hardness of the vine; and good shipping and keeping qualities. It falls short chiefly in not being adapted to as many soils and conditions as are some varieties with which it must compete. In other words it is somewhat lacking in that elasticity of constitution so characteristic of Concord. Its reputation for quality has suffered, and to the detriment of the variety, because it attains its full size and color before it is ripe, and is therefore often marketed in an unripe condition."—Hedrick.]

30c each.

CONCORD

Vigorous, hardy, productive. Fruit ripens midseason, keeps one to two months. Clusters large, shouldered, compact. Berries large, black, firm. Flesh juicy, fine grained, slightly foxy, good in quality. [NOTE—If in your region you can grow any grapes at all, the Concord will give you, in the long run, more than any other variety. W. L. M.]

Price 15c each, \$1.00 per doz., \$5.00 per 100

MOORE EARLY

Vigorous, hardy, not a heavy yielder. Two to three weeks earlier than Concord, does not keep well. Berries above medium, purplish black. Flesh juicy, fair to good in quality. A seedling of Concord.

15c each.

WORDEN

Vigorous, hardy, productive. Fruit one to two weeks earlier than Concord, does not keep long. Clusters large, compact. Berries large, dark purplish black. Flesh juicy, fine grained, good to very good in quality. A seedling from Concord, the most meritorious of them all.

15c each.

WHITE OR GREEN VARIETIES

EMPIRE STATE

Vine tender in some localities, productive. A little earlier than Niagara, keeps well. Clusters medium, compact. Flesh very juicy, fine grained, tender, good to very good. Parentage uncertain.

20c each.

MOORE'S DIAMOND (Diamond)

Vigorous, hardy, productive in most localities. Slightly earlier than Niagara, keeps well. Clusters variable in size, compact. Berries above medium, covered with thin gray bloom, firm. Flesh juicy, fine grained, aromatic, quality very good. Of Concord parentage. For a green grape of high quality the Diamond ranks probably next to Winchell.

20c each.

NIAGARA

Vigorous, very productive. Ripens with Concord, keeps fairly well. Clusters large, compact. Juicy, fine grained,

foxy, as good or better than Concord in quality. A seedling of Concord, crossed with Cassady. This occupies the same place among the green grapes, that Concord does among the black varieties, and should, with the Concord, be in every garden.

15c each.

WINCHELL (Green Mountain)

Vine vigorous, hardy, very productive. Very early, sometimes before Moore Early, keeps and ships well. Berries medium, light green, soft. Flesh juicy, fine grained, sweet, very good to best in quality. [NOTE—"Winchell is at once very early and of very good quality, characters seldom found combined in grapes. * * * There are some minor faults but these defects do not begin to offset the several good characters of Winchell, and it is for New York at least, the standard early green grape and deserving to rank with the best early grapes of any color."—Hedrick.]

30c each.

All grape descriptions taken from Professor U. P. Hedrick's "Grapes of New York"

LAKE SIDE COLLECTION

12 Varieties 12 Plants
Shown in Engravings
4 Red 4 Black 4 White
Total Price, Single Plants, \$2.30
COLLECTION PRICE, \$1.50

DESSERT COLLECTION

One each of three splendid varieties:
1 Campbell Early Black (30c)
1 Winchell White (30c)
1 Delaware Red (20c)
PRICE 50c

RASPBERRIES

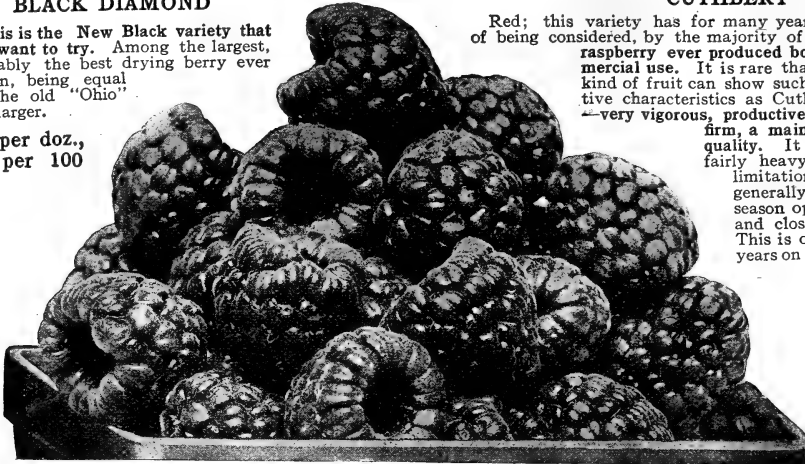
Our plants are tied in 6's, 12's, and 25's; please order in these numbers or their multiples.

Plant in rows 6 to 7 feet apart and plants 3 to 3½ feet apart in the row. Of course in the garden, much closer planting will be allowable. Each winter cut out the old bearing canes of the previous season, 6 at dozen rate, 50 at 100 rate, unless otherwise noted.

BLACK DIAMOND

This is the New Black variety that you want to try. Among the largest, probably the best drying berry ever grown, being equal to the old "Ohio" and larger.

50c per doz.,
\$2 per 100



CUTHBERT

CUTHBERT

Red; this variety has for many years had the distinction of being considered, by the majority of growers, the best red raspberry ever produced both for home and commercial use. It is rare that any variety of any kind of fruit can show such an array of superlative characteristics as Cuthbert; perfectly hardy—very vigorous, productive, large, perfect color, firm, a main crop berry, highest quality. It seems to require a fairly heavy soil, but with this limitation it seems to do well generally over the state. Its season opens July 6th to 10th, and closes Aug. 1st to 7th. This is our record for over ten years on a 5 acre plantation.

40c per doz.,
\$2.00 per 100,
\$10.00 per 1000



RUBY
COLUMBIAN

A purple variety, a hybrid of Cuthbert and Gregg. It has the plant of the black varieties and the fruit of the red except in color which is a compromise between the two. The plant

is hardy and an enormously strong grower. Very productive. Fruit larger than Cuthbert, easily picked, and like Cuthbert, is wanted extensively for canning. It is a few days later than Cuthbert.

40c per doz., \$2.00 per 100.

CUMBERLAND

Quite new, a hardy, great big black cap, producing enormous crops of fine quality, firm berries. It should be given a trial.

60c per doz., \$2.00 per 100.

GOLDEN QUEEN

The best yellow variety; vigorous, hardy, productive; fruit large, light yellow, soft, juicy, fairly good quality. It is worthless commercially, but every collection should include a few plants.

\$1.00 per doz.

GREGG

Black, with a decided bloom; plants very hardy, vigorous and productive. Fruit above medium to very large, attractive color, sweet, and excellent quality. Not so productive as some others, but has for forty years stood among black caps where Cuthbert has among the reds. The growers like size and quality, and the good old Gregg gives both.

50c per doz., \$2.00 per 100.

MARLBORO

A large sized, very early red variety that for years led all others of its season, and is yet by no means a back number. Its extreme earliness has made it a berry of very great value. The plant is quite a short grower. We have quite a planting of this variety in fruiting, and think highly of it. Is of high quality, and an exceedingly handsome berry, as it appears in the box.

50c per doz., \$2.00 per 100

NEW GARDEN COLLECTION

6 HERBERT, red 6 Black Diamond, black
6 Columbian, purple 6 Marlboro, red
Price, listed separately, \$1.45
COLLECTION PRICE, \$1.00

SCARLET COLLECTION

6 Marlboro, extra early 6 HERBERT, late
6 Ruby, early 6 Cuthbert, extra late
Price, listed separately, \$1.57
COLLECTION PRICE, \$1.00

HERBERT

The following description is taken from the New York Experiment Station Bulletin, No. 278, by O. M. Taylor, Foreman in Horticulture. "Plants moderately vigorous to rather vigorous, **not so tall as Cuthbert**, hardy or nearly so, very productive. Fruit above medium to very large, averaging **slightly larger than Cuthbert**, moderately firm to nearly firm averaging **slightly softer than Cuthbert**, juicy, good to very good in quality. This variety appears to be one of the most promising of the newer red raspberries, and is considered worth testing for commercial purposes." [NOTE—The evidence of the Experiment Station test of this variety for two seasons here, as well as that of at least one commercial grower at Geneva, has been that the Herbert outyields the Cuthbert about two to one. I fruited it this year on about a half acre, and my experience corresponds with the above statements. I find it a darker red than the Cuthbert, a little larger, but to my taste, distinctly not so good. This however should not deter one from planting it—remember a berry of the quality of Cuthbert does not happen oftener than about once a century! The Herbert's great bearing habit is a tremendous factor in its favor. This variety will be found in both our berry collections, and it is one that should be in every garden. W. L. M.]

\$1.50 per doz., \$10.00 per 100.

PLUM FARMER (See cut below)

A variety from Northern New York, one of the best early varieties. Here in Geneva it has proved perhaps to be the very best of its season. The berries are firm and meaty, with a decided bloom, similar to the Gregg. The fruit is large and very attractive. Our friend who "swears by the Ruby" thinks this is the **best black raspberry** today, in the hands of the market gardener.

75c per doz., \$3.00 per 100.

RUBY

A large, bright red berry, seedling of Marlboro, which it surpasses both in plant and fruit. One of the best berry growers at Geneva who has spent a lifetime in the business, describes it to his own satisfaction by saying "**Ruby is the best early red raspberry I have ever grown**"—and he has grown about all of them, in the last 40 years!

75c per doz., \$3.00 per 100.

**HERBERT****DOWNING**

Fruit medium size, roundish, light green, smooth; flesh soft, juicy, and good; vigorous and very productive.

HOUGHTON

Fruit almost medium size, smooth, red, tender, very good; a good cropper.

PEARL

Similar to Downing, plant a stronger grower and berry larger, and a heavy producer. Immune from mildew. A new variety which has made an enviable reputation.

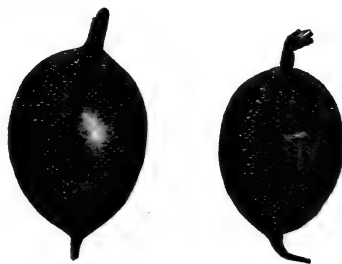
**HOUGHTON****PEARL**

AMERICAN VARIETIES
Will not mildew

15c each; \$1.50 per doz.

SMITH'S IMPROVED

A more slender grower than Downing but an exceedingly fine quality, yellowish green berry, following Downing in season. Is much less thorny than any of the other varieties.

**DOWNING SMITH'S IMPROVED**

AMERICAN VARIETIES

Will not mildew

15c each; \$1.50 per doz.

Gooseberry growers here are receiving from the preserving companies about **\$400.00 per acre** for their fruit.

GOOSEBERRIES**INDUSTRY**

An English variety best adapted to our climate of any but still somewhat liable to mildew; fruit very large, good for culinary use when green and a fine dessert fruit when ripe; a brilliant, showy red, very handsome and wonderfully productive. This should be in every collection.

20c each, \$2.00 per doz.

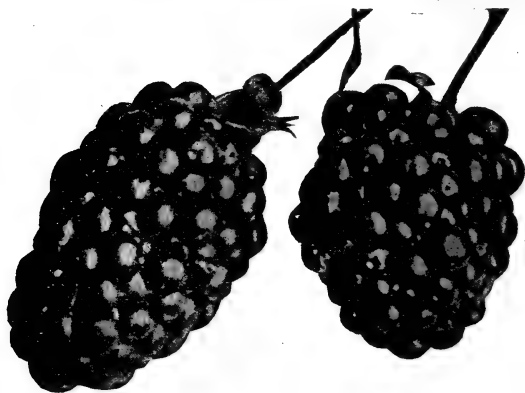


BLACKBERRIES

Our plants are tied in 6's, 12's, and 25's; please order in these numbers or their multiples.

Plant in rows 6 to 7 ft. apart, plants 3 ft. apart in the row. Each winter cut out the old canes.

6 at dozen rates, 50 at 100 rates



ANCIENT BRITAIN

SNYDER

AGAWAM

Probably no berry combines the good points that make this the best of all varieties for family use. Hardy, big, softening as it ripens, quality the very highest, and matures its crop over the whole season from early to late. It is easily Queen of Blackberries in the home garden.

50c per doz., \$2.00 per 100.

ANCIENT BRITAIN

A vigorous, stocky, hardy variety, very productive; fruit medium to large, rather long, with good black color; quality good; a fine berry for the home garden, and is also considered a standard commercial variety.

50c per doz., \$2.00 per 100.

BLOWERS

The originator from whom our plants come, claims this is the strongest grower, heaviest bearer, of longest season,

BLACKBIRD COLLECTION

6 Ancient Britain

6 Snyder

6 Blowers

6 Taylor

THE COLLECTION FOR \$1.00

perfectly hardy, and of good size and quality. We believe it has real merit. While it's high priced, we place it in the collection, thus bringing its cost down to the average.

\$1.00 per doz., \$6.00 per 100.

MERSEREAU

Canes light colored, very vigorous and hardy; fruit medium, elongated, sweet, good flavor and quality. Two weeks later than Snyder but is not so productive and probably inferior to it as a variety, in most localities.

75c per doz., \$3.00 per 100.

SNYDER

An old standby, enduring cold that puts about all the rest out of business. It is only medium size, must be fully matured on the bush, when it is juicy, sweet and good. It is very vigorous, and very productive. Late. We have an unusually fine stock of splendid Snyder plants.

50c per doz., \$2.00 per 100.

TAYLOR

A seedling of Snyder, hardy, very vigorous, healthy, fruit above medium to large, slightly elongated, handsome black color, juicy, sweet and good quality. Seems to have the good qualities of its parent. Early.

50c per doz., \$2.00 per 100.

WAUCHUSETTS

We have this fruiting and can say that it is a better berry than we had been led to expect. It is hardy and vigorous with us, fairly productive and of good fair size, juicy, sweet and good quality. It is far less thorny than most varieties, having originally been brought out as a thornless berry.

50c per doz., \$2.00 per 100.

STRAWBERRIES

Prices delivered at Express Office in Geneva, properly packed. \$1.00 per 100, 50 at hundred rate, \$7.50 per 1000. Postpaid, 25c per doz., 40c for 25, 75c for 50, \$1.00 for 75, \$1.25 for 100.

Our plants have often gained such size that they cannot be mailed for the prices given—on mail orders therefore, we reserve right to send by prepaid express, if we prefer.

Every variety listed below has perfect blossoms and will fruit if planted alone.

CORSICAN

A new variety, large size, dark crimson, fine in quality and flavor, quite firm, a strong grower and good yielder. It has perfect blossoms so can be planted alone.

DUNLAP

Probably the most popular and deservedly so, of any berry introduced in years. Fairly early, good size to large, vigorous and productive, it fills about all requirements for home use and the market.

MARSHALL

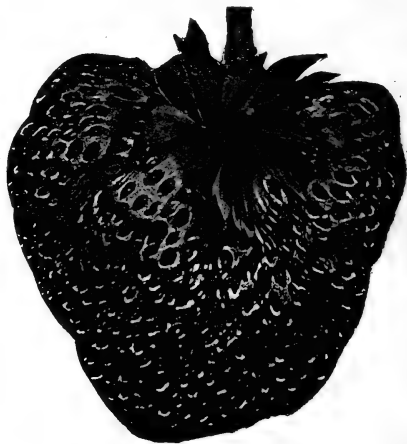
This berry suits us for home use, best of all. Early to mid-season. It's a great big, longish or wedge-shaped berry, extremely dark both as to color and flesh, only a moderate cropper, just fair, and in quality we regard it as of the very highest. With intensive methods there seems to be no reasonable limit to its size.

STEVEN'S LATE

The most popular late variety. Very healthy, vigorous and productive. The fruit is large, deep red and firm, and keeps a long time on the vines after ripening.

WILSON

A good old standby, one of the very best ever brought out for canning. Is about the only variety of a generation ago, which is still cultivated. Midseason to late.



ORNAMENTAL DEPARTMENT

ROSES

ROSES

ROSES

Trim to a few inches from ground when planted—enrich—give lots of sun—water only till safely started or in severe drouth—get up early and hoe them every day—get the right varieties **ON THEIR OWN ROOTS**—then don't worry—**YOU'LL HAVE ROSES!**

EVERY VARIETY LISTED HERE IS GROWN ON IT'S "OWN ROOTS," except some of the Moss Roses, **AND IS GROWN IN OUR OWN NURSERIES.**

TRIMMING ROSE BUSHES—As soon as received, trim all roses to within 3 to 5 inches from the ground, unless you see that we have so trimmed them. The following years, different classes must be treated differently; the Hybrid Teas and Perpetuals, trim nearly as close as when you planted them; these kinds bloom from wood that grows the same year, and the rule is keep them growing and you keep them blooming; severe trimming will keep them growing. "Baby" needs little trimming after the start. The other Ramblers, also the Wichurianas, Climbers, and Madam Plantier should be trimmed much more moderately than the Teas and Perpetuals, for the reason that they bloom from last year's growth and if you cut it all away, you get no bloom.

RAMBLERS, WICHURIANAS, Etc.

Very strong growers except "Baby" which is very light. All ramblers offered except "Baby," bloom but once, very profusely and are climbing in habit.

BABY RAMBLER

A continual bloomer, a small deep pink rose, borne in large clusters. 25c.

BLUE RAMBLER

Vigorous and hardy like other ramblers. The blossoms are distinctly **BLUE** with a purplish tinge. Everyone interested in rose culture will include "Blue Rambler" in his order. Strong, one-year old plants. 50c.

CRIMSON RAMBLER

Crimson, clustered, one plant often producing thousands of blossoms. 25c.

DOROTHY PERKINS

Beautiful shell pink, the prettiest of all, free blooming as **Crimson**. 20c.

PINK RAMBLER

Pink in the bud, semi-double, very delicate. 25c.

SIR THOMAS LIPTON

The best pure white Rugosa Rose. Strong grower, continuous bloomer. Flowers double, fragrant, with long, pointed buds. A very handsome rose. 25c.

WEDDING BELLS

A new variety earlier than Lady Gay, not quite so large, but a strong, deep pink and a very vigorous grower. 25c.

WHITE BABY RAMBLER

Pure white, has the characteristics of the other Baby Ramblers. 35c.

WHITE RAMBLER

Same as the pink, except in color. 20c.

YELLOW RAMBLER

Very light straw color, larger than pink. 20c.

CLIMBERS

These bloom from last year's wood. Trim cautiously.

BALTIMORE BELLE

White with blush center; very fine. 20c.

MULTIFLORA

Can be grown either as a climber or an upright grower. A very vigorous variety, blooming in June only, the bush being covered with a wealth of pinkish white blossoms changing to pink. The flowers are medium or above, and borne in heavy clusters. 20c.

QUEEN OF THE PRAIRIE

Bright rose color, large and a free bloomer. 20c.

HYBRID PERPETUALS, HYBRID TEAS, ETC.

All hardy and bloom during the season, except as noted

APPOLINE—The New Hermosa

Hardly to be distinguished from Hermosa in flower, unless perhaps a little larger; quite as profuse a bloomer. The plant is distinctly different, a shorter, stockier growth. 30c.

CLOTHILDE SOUPERT

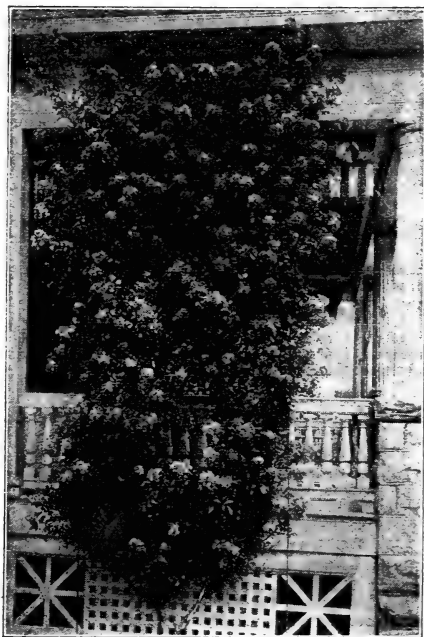
Dwarf grower, very free bloomer. Blooms in clusters of double, fragrant, finely formed roses, during the season. 30c

COQUETTE DES BLANCHES

Pure white, very double, medium size, extremely free bloomer. 25c.

COQUETTE DES ALPS

White, later blooms having a decidedly flesh tint; except Hermosa the freest bloomer in this class—blooms right up to freezing time. We regard this as the best of the bluish white roses. 25c.



CRIMSON RAMBLER

FRANCOIS LEVET

A most beautiful, bright, light red rose, being especially beautiful in the bud, which is long and pointed. With us not a very free bloomer, but a rarely beautiful variety. 35c.

FRAU KARL DRUSCHKI—Snow Queen

This is a new, pure white rose, and has about all the good points a rose can have. It has a very large bloom without being in the least coarse; long, handsome pointed buds, opening rather slowly; flower stem is very thick and heavy a single flower lasting in water for days. When fully opened the bloom distinctly resembles the camellia. The petals are thick and heavy, this and the thick stem both contributing to its lasting quality. 50c.

GENERAL JACQUEMINOT

Brilliant crimson, one of the very best. 25c.

GRUSS AN TEPLITZ

This is a most delightful rose—blooms almost as freely as *Hermosa* and *Appoline*—and of all the great bloomers listed here is the only deep colored rose. It is a deep, vivid color, variously described by cataloguers as crimson, scarlet, carmine red, and all possible combinations of those terms; it's just *Gruss an Teplitz* color—a distinctive color we have never seen in any other rose. The blooms are short lived if picked, having a very slender stem and opening out rather quickly; but is a most beautiful rose, especially adapted to bedding, and is more than worth while, notwithstanding its one weak point. 35c.

HERMOSA

A hardy, pink tea rose, blooms constantly from June till heavy frosts. Next to "Baby" as a free bloomer. 25c.

KAISERIN AUGUSTA VICTORIA

A hardy, delicate straw or cream white, hybrid tea rose, uniting the wonderful beauty and free blooming qualities of the tender "tea" class of roses, with the hardiness and vigorous growth of the hybrid perpetuals. It blooms at intervals clear up to heavy frosts, blossoms last well, are fine in both bud and when open, and if selecting a rose second to Frau Karl in the greatest number of strong features, we should select this variety. 50c.

KILLARNEY

Another beautiful hybrid tea having a most delicate flesh pink cast, very long and pointed buds, one of the finest in this respect. A free bloomer all during the season. 35c.

LA FRANCE

Among the oldest of the modern class of Hybrid tea roses—a class which has given us many of the very finest varieties. Exceedingly beautiful in the bud and when partly open, its pink, reflexed petals with silvery underside making it especially effective in the half open state. Is not quite hardy here; is most successful grown inside. 30c.

LEOPOLD PREMIER

A large, deep, rich crimson rose, of the pure Jacqueminot type; very free bloomer in the early season, but not continuous. Is a stronger grower than Jacqueminot and an exceedingly handsome rose. 25c.

MADAM ALFRED CARRIER

Hybrid Noisette. A beautiful, large size, rich cream white rose, with especial beauty when in the bud, which is very long and pointed. Plant vigorous, with almost climbing habit. Not a very free bloomer, but each bud as it appears makes it well worth while 25c.

MADAM GABRIEL LUIZET

One of the very best pink roses. Blooms at intervals during the season. Plant is a strong grower, and very hardy. We regard this as one of the very desirable varieties. 35c.

HARDY, UPRIGHT SHRUBS**ALTHEAS, or ROSE OF SHARON**

A class of thrifty growing, very upright shrubs, in great variety of colors, blooming during a large part of September and October when nearly all others have past their season. We have the following varieties:

ALTHEA, ARDENS

A fine red variety, very handsome. 25c.

ALTHEA, ALBA

A free blooming white variety. 25c.

ALTHEA, BALL OF FIRE

Dark red, more double than Ardens. 25c.

**PAUL NEYRON****MADAM PLANTIER**

A hybrid China rose, blooms but once, but in June the bush is buried under a profusion of pure white blooms, in heavy clusters. Trim much less than most varieties as it blooms from the old wood. 25c.

MAGNA CHARTA

A very strong competitor of the Paul Neyron—a perfectly magnificent pink rose, extra strong grower and a fine variety in all respects. 25c.

MRS. JOHN LAING

This is one of the best pink roses of the type represented also by Paul Neyron and Magna Charta. A large flower, bright satiny pink, very fragrant and a constant bloomer at intervals from June till winter. 35c.

PAUL NEYRON

Probably the largest rose in cultivation, a fine bright pink, very fragrant, plant exceptionally vigorous. Bloom with a strong stem, lasting a long time after cutting. Blooms the entire season at intervals. 25c.

PRINCE CAMILLE DE ROHAN

This is one of the great roses; it is perhaps the deepest crimson of any rose, and is certainly the finest of the extremely dark roses. Its blooms are large, finely formed, fragrant, and it is a profuse bloomer. 30c.

WHITE LA FRANCE

A variety having large buds and flowers, white, with just a tinge of blush on the lower part of the petals. 30c.

ALTHEA, LADY STANLEY

A handsome white variety with dark wine colored center and striping on the petals. 35c.

ALTHEA, VARIEGATED LEAVED

For foliage effect only, the flower buds being inconspicuous and not opening. Handsome green foliage, leaves edged with a light golden band. 35c.

BARBERRY, PURPLE-LEAVED

One of the best purple foliaged shrubs; holds its color well during the season, very handsome either massed or planted alone. 25c.

**PURPLE FRINGE****BARBERRY, THUNBERGII (Japanese Barberry)**

This comparatively new shrub has sprung into popularity with wonderful rapidity, and perhaps stands today in public estimation ahead even of the Hydrangea and Spirea Van Houttii. Rather low growing, spreading habit, its branches, when not checked, growing out in all directions giving it a strikingly characteristic appearance peculiarly its own. Small white blossoms in May, developing into long sprays of brilliant purplish red berries which persist during the winter, very beautiful. Its glossy, light green foliage changes in the fall to the most brilliant combinations of red, green and yellow, surpassing even the Ampelopsis in its color effect. Well adapted for low hedging, 25c. Smaller plants for hedging in lots of 25 and over, \$15.00 per 100.

CALYCANTHUS FLORIDUS

Double purple flowers, very fragrant, Rich foliage, wood peculiarly fragrant. 25c.

CORNUS ELEGANTISSIMA**(Variegated Dogwood)**

Valued for beautiful foliage, leaves being green with broad white edge or entirely white. 50c.

CORNUS SIBERICA**(Red Siberian Dogwood)**

Bright red bark in winter. 25c.

CURRENT, WHITE FLOWERING

Early, rich blooming, white pendant blossoms. 25c.

CURRENT, RED FLOWERING

Early, hardy, with a profusion of brilliant red blossoms. 25c

DEUTZIA CRENATA

Blossoms in June, flowers white with delicate pink shading, in racemes 6 inches long. A very strong grower. Foliage a perfect tea green, holding its color during the season. 25c.

DEUTZIA GRACILIS

A dwarf variety with pure white flowers in great profusion. 25c.

DEUTZIA LEMOINEI

Dwarf and free flowering with pure white blossoms. 25c.

DEUTZIA, PRIDE OF ROCHESTER

Early, vigorous, generous bloomer. Blossoms white tinged with rose, double. 25c.

FORSYTHIA VIRIDISSIMA

An early, hardy shrub, stems and foliage deep green, blossoms deep gold. 25c.

FRINGE, PURPLE (Smoke Tree)

A large growing shrub, so named from its brown, thread-like bloom which covers the entire tree, appearing at a distance like a cloud or mass of smoke. 35c.

FRINGE, WHITE

Among the most beautiful of all flowering shrubs for its bloom alone. The entire tree is covered with the most delicate racemes of pure white flowers. 50c.

GOLDEN ELDER

A handsome golden foliaged variety, large, rapid growing and ornamental. 25c.

HONEYSUCKLE, RED TARTARIAN

Strong growing shrub with bright pink flowers in May. 25c.

HONEYSUCKLE, WHITE TARTARIAN

Similar to above only white. 25c.

HYDRANGEA PANICULATA (Hardy Hydrangea)

So common and so good as to need no description. Bush form, 25c, tree form, 50c.

LILAC

These need no description. We offer purple and white varieties, our selection, at 30c.

PRUNUS PISSARDI

A fine purple foliage shrub or small tree, often bearing a small, bright red fruit. 25c.

PRUNUS TRILOBA (Flowering Plum)

A very early bloomer having large, double pink blossoms. 50c.

QUINCE, JAPAN

Blooming very early, its brilliant red blossoms preceding the foliage and covering every branch and twig. 25c.

SNOWBALL, COMMON

This needs no description as its large, greenish white, globular clusters of flowers are familiar to us all. 25c.

SNOWBALL, JAPAN

This is one of the great acquisitions of the last few years. The flowers are a perfectly pure white, borne in rather smaller clusters than the common. Foliage strikingly handsome, and habit of tree much better than the common variety. 50c.

SPIREAS

A class of low, compact, easily grown flowering shrubs, vigorous and hardy as a class, with blossom periods extending over a wide range of seasons. We offer the following varieties:

SPIREA, ANTHONY WATERER

Quite dwarf, with red blossoms. 20c.

SPIREA, AUREA

Grown for its fine, golden foliage only. 35c.

SPIREA, BUMALDA

A dwarf Japanese variety, rose color. 25c.

SPIREA, CALLOSA ALBA

A fine, dwarf white flowering variety. 25c.

SPIREA, CALLOSA ROSEA

A strong, rose colored variety. 25c.

SPIREA, VAN HOUTTE

This is easily Queen of all the Spireas. No one who has ever seen this variety in full bloom can fail to be impressed by its wealth of snowy flowers. About the end of May the bush is one complete mass of blossoms equaled in its profusion only by the Fringes. Our plants will have some bloom the same year you plant them. We regard this next in value of all the shrubs, to the Japan Barberry. 20c.

SYRINGA GARLAND (Mock Orange)

One of the earliest flowering shrubs with sweet scented flowers, white. 25c.

SYRINGA, GOLDEN

Quite dwarf in habit, rich golden foliage, retaining its color perfectly the entire season. This is by far the finest golden foliated shrub. 35c.

WEIGELA

A fine class of spreading shrubs having rather large, trumpet shaped flowers. Latter part of June. We offer the following:

WEIGELA, CANDIDA

Pure white, with a long blooming period. 35c.

WEIGELA, EVA RATHKE

A beautiful new Weigela with brilliant crimson blossoms. 35c.

HARDY CLIMBING VINES**AMERICAN IVY (Virginia Creeper)**

Well adapted for use as a screen on account of its heavy foliage. 25c.

AMPELOPSIS VEITCHII (Boston Ivy)

Adapted only to stone, brick or cement construction. Without dispute the handsomest foliated climber grown. Its fall foliage is rivaled only by that of the Barberry Thunbergii. 25c.

CLEMATIS

The finest class of flowering climbing vines. The large flowered varieties are light in foliage as compared with their blossoming capacity, and where a screen and flowers are both desired, they are very fine planted with American Ivy and allowed to over run the Ivy. Their large, spreading, starlike blooms are familiar to all.

CLEMATIS, HENRYII

Large flowered, pure white. 50c.

CLEMATIS, JACKMANII

Very large, deep purple. 50c.

CLEMATIS, MADAM EDUARD ANDRE

Flowers a little smaller than last; deep, rich wine color. 50c.

CLEMATIS, PANICULATA

Covered with small white blossoms in late summer. Very strong grower and makes a sufficient screen. The effect of its bloom is similar to that of the Fringes and Van Houtte—it completely covers the plant. 25c.

HONEYSUCKLES

This familiar old vine does not need description. Few plants have the quality of perfuming the entire surrounding atmosphere equal to the honeysuckle. We offer the following:

HARDY AND ORNAMENTAL SHADE TREES

Sizes will be such as constitute first-class trees of the various varieties, running from 3 to 5 ft. on such as Crab and Thorns, to 7 to 10 ft. on such trees as Maples and Poplars. *Especially good varieties.

Birch, Cut Leaf.....	\$1.00
*Crab, Bechtel's Flowering.....	.50
*Elm, American.....	.75
Linden, American (Basswood).....	1.00
Magnolia, Acuminata.....	.75
Maple, Norway.....	1.00
*Maple, Wier's Cut Leaf.....	1.00
Maple, Sycamore.....	1.00
*Mountain Ash, Oak Leaf.....	.50
Mulberry, New American.....	1.00
*Poplar, Carolina.....	.25
Thorn, Double White.....	.50
Tulip Tree.....	.75

EVERGREEN TREES

Most varieties about 2 ft.

Arbor Vitae, American.....	\$.50
Arbor Vitae, Pyramidalis.....	.75
Arbor Vitae, Siberian.....	.75
Fir, Concolor.....	1.50
Fir, Balsam.....	.50
Pine, White.....	.50
Pine, Austrian.....	.50
Pine, Scotch.....	.75
Spruce, Koster's Blue.....	2.50
Spruce, Norway.....	.50
Spruce, Colorado Blue.....	2.00

WEIGELA, ROSEA

Similar to last only with rose colored flowers. 25c.

WEIGELA, VARIEGATED LEAVED

Rather dwarfish, its green foliage edged and marked with silvery white. 35c.

PAEONIES

After all, with exception of the rose, is there any flower that ever grew that in itself is more beautiful than this "old fashioned" flower? The dear old "Piney" takes us back to our mother's and grandmothers' gardens as does no other flower grown today.

Space does not allow us to take up descriptions of particular varieties. We quote by colors, pink, red or white. 25c each.

HALL'S JAPAN HONEYSUCKLE

Very fragrant, white flowers, changing to straw color. The best blooming variety of all—blooms all summer. 25c.

MONTHLY FRAGRANT HONEYSUCKLE

Red and yellow, very fragrant, blooms all summer. 35c.

SCARLET TRUMPET HONEYSUCKLE

Long, slender, red trumpet-like flowers, the handsomest of all. 35c.

TRUMPET VINE

Large, red, trumpet-like flowers, three to four inches long. Makes a fine screen—the rankest grower of all our climbers. 25c.

WISTARIA, CHINESE PURPLE

Has long pendulous clusters of pale violet flowers. Slow in becoming established, but after that a great grower. Where the plant has room to develop to perfection, we regard the Wistaria as without a peer in the entire list of ornamental shrubs and climbers. Its blooming season is of unusual length. 50c.

WISTARIA, CHINESE WHITE

Same as last except in color. 50c.

HEDGE PLANTS

	Per 100	Per 1000
Arbor Vitae, 12-18 in.....	\$15.00	
Barberry, Japan, 12-18 in.....	15.00	
A very handsome hedge plant.		

California Privet, 18-24 in.....	8.00	\$50.00
Honey Locust, 12-24 in.....	2.00	10.00
Osage Orange.....	1.00	5.00
Norway Spruce, 12-18 in.....	20.00	

Beech, Purple Leaf.....	\$1.00
*Catalpa, Speciosa.....	.50
Catalpa, Bungeii (Dwarf).....	1.00
Elm, Camperdown, Weeping.....	1.00
Maple, Ash Leaf.....	.50
*Maple, Silver Leaf.....	.75
Maple, Sugar (Rock).....	1.00
Mountain Ash, American.....	.50
Mountain Ash, Weeping.....	.75
*Mulberry, Russian.....	.50
Poplar, Lombardy.....	.50
Thorn, Paul's Scarlet.....	.50
*Willow, Kilmarnock, Weeping.....	.75

FOREST TREE SEEDLINGS

Must be ordered early as they are grown for us in the west.

Did you ever stop to think of the profit there is in growing Catalpa or Black Locust for posts? If you have any waste land, plant Locust 6 x 6 ft.

	Per 100	Per 1000
Catalpa, Speciosa, 12-18 in.....	\$2.00	\$12.00
Black Locust, 12-18 in.....	2.00	12.00
Russian Mulberry, 12-18 in.....	3.00	18.00
Black Walnut, 12-18 in.....	5.00	30.00

ONE-YEAR TREES

"Oh—that's too little to plant!" you say. Well, a one year size tree is a small tree, but if well cared for it will do a lot of catching up!

The large plum tree in the engraving was planted three years ago last spring—has had four seasons' growth; when planted it was just a little one-year tree like the one I am holding in my hand; has it not made a pretty good showing? It has size enough to give at least a half bushel of fruit the coming year.

This naturally raises the question in our mind as to what really is the best size or age tree to plant? Candidly, I, myself, do not think there is any one size or age that is "best." If you take twenty experienced orchardists you will find about twenty different shades of opinion among them on this point. I have planted all sizes and ages up to even an eight year old fruit tree with good success. In my opinion that tree is the best which has the best care, and the less we worry about the point of age and the more about planting them and caring for them, the better results we will get.

The matter of economy is, perhaps, the chief reason for planting the smaller trees; they cost less for the trees, for transportation and for planting, and if one is planting a considerable orchard and must cut corners in the matter of expense, I unhesitatingly advise planting this grade of tree, while if planting only a few, or if the matter of expense is of minor importance, you may be better satisfied with the extra size; either one, however, will make every bit as good an orchard in the end as the other, and there will be less difference in their size at the end of four or five years than you would expect—in fact, many times no difference in size or time of bearing can be detected at all.

The prices of one-year size apples will also be found in the general list on pages 20 and 22.

In Plums, Pears and Cherries we quote only on orders for at least ten of any one variety; these will be tied up as they are dug in the field, in lots of ten or more as ordered, and at these prices we cannot afford to bill up orders for one or two trees of a variety.

The size of one-year trees varies so with different kinds of trees that we can make no hard and fast rule as to sizes; for instance, in apples our Yellow Transparent and Twenty Ounce may not go over about 2 feet in height, while others would go from 3 to 4 feet. Sweet Cherries will run taller than Sours, and in plums such a grower as the Lombard might be nearly double the height of a Reine Claude. Then, too, in early spring all these one year olds will be headed off at the height of about 30 inches, so that if your order comes in after this time you will find some kinds cut off at about this height. Then again, some of these trees will be just straight, unbranched "whips," while some will be more or less branched.



This bearing plum tree when planted four years ago, was a one-year-old—just such a tree as Mr. McKay is holding in his hand. This is one of 300 similar trees in the same orchard, all one year old when planted, and all in full bearing.

PRICES OF ONE-YEAR SIZE TREES

STANDARD PEARS, except BOSC, one-year size, \$1.50 per 10, \$15.00 per 100.

SWEET CHERRIES, one-year size, \$1.50 per 10, \$15.00 per 100.

SOUR CHERRIES, one-year size, \$1.25 per 10, \$12.50 per 100.

PLUMS, one-year size, \$1.50 per 10, \$15.00 per 100.

APPLES, one-year size, (see also pages 20 and 22) 25c each, \$2.50 per doz., \$17.50 per 100.

In the above prices of one-year size trees, no varieties are included which are quoted in the body of the catalogue at a higher rate than the general list, such as Bosc Pear and Marguerite Cherry.



Abesse d'Oignies

LOOK!

Say! Are'nt these four delicious
Cherries worth a Dollar to You ?

1 EARLY RICHMOND List Price .35

The greatest early variety; mild acid.

1 MONTMORENCY List Price .35

The great main crop variety. Rich,
mild sub-acid, almost sweet when
fully ripe. The ancestor of the great
American CHERRY PIE.

1 GOVERNOR WOOD List Price .35

Blush white. A rich, juicy variety.
This cherry has a peculiarly pleasant,
almond-like after flavor, which makes
it a most agreeable variety for eating
out of hand.

1 ABESSE D'OIGNIES List Price .75

The newest variety out. Almost black,
almost sweet; altogether the most
delicious variety to GET RIGHT UP
INTO THE TREE AND EAT.

List Price . . . **\$1.80**

GROUP PRICE **\$1.00**

When ordering simply say: "COVER GROUP"

Early Richmond

Gov.
Wood

Montmorency